

TABLE 7, page 1 of 18

CL001510

Marker	Gene Name	hCG	Sample Set	MH p-value	MH OR	MH OR 95CI	Case Freq.	Cntrl Freq.	Allele	Strata	Status	p-value	OR
hCV1004695	CSMD2	hCG2036650	S0012	4.99E-02	6.23E-01	0.39: 1.00	0.13	0.15	G	All	STATUS4	0.60983	0.84
hCV1004695	CSMD2	hCG2036650	V0002	4.99E-02	6.23E-01	0.39: 1.00	0.05	0.11	G	All	STATUS11	0.02643	0.47
hCV1080298	FLJ10904	hCG38090	S0012	1.24E-02	0.63	0.44: 0.91	0.42	0.44	T	Male	STATUS4	0.87233	0.92
hCV1080298	FLJ10904	hCG38090	V0002	1.24E-02	0.63	0.44: 0.91	0.40	0.56	T	Male	STATUS11	0.00558	0.53
hCV1080298	FLJ10904	hCG38090	S0012	3.52E-02	1.32	1.02: 1.70	0.47	0.43	T	Female	STATUS5	0.44673	1.15
hCV1080298	FLJ10904	hCG38090	V0002	3.52E-02	1.32	1.02: 1.70	0.48	0.38	T	Female	STATUS12	0.03112	1.48
hCV1085595	HFE	hCG19119	S0012	5.01E-03	6.04E-01	0.42: 0.86	0.94	0.96	G	Male	STATUS1	0.03999	0.54
hCV1085595	HFE	hCG19119	V0002	5.01E-03	6.04E-01	0.42: 0.86	0.94	0.96	G	Male	STATUS8	0.06741	0.64
hCV1085595	HFE	hCG19119	S0012	1.73E-02	6.47E-01	0.45: 0.93	0.94	0.95	G	Young	STATUS1	0.22058	0.71
hCV1085595	HFE	hCG19119	V0002	1.73E-02	6.47E-01	0.45: 0.93	0.93	0.95	G	Young	STATUS8	0.03457	0.62
hCV1085595	HFE	hCG19119	S0012	4.38E-02	6.59E-01	0.44: 0.99	0.94	0.96	G	Smoker+	STATUS1	0.28003	0.67
hCV1085595	HFE	hCG19119	V0002	4.38E-02	6.59E-01	0.44: 0.99	0.94	0.96	G	Smoker+	STATUS8	0.14233	0.65
hCV1085595	HFE	hCG19119	S0012	3.15E-02	6.55E-01	0.45: 0.96	0.94	0.95	G	All	STATUS5	0.32416	0.77
hCV1085595	HFE	hCG19119	V0002	3.15E-02	6.55E-01	0.45: 0.96	0.94	0.96	G	All	STATUS12	0.04813	0.56
hCV11431467	CMA1	hCG40181	S0012	3.20E-03	2.40E+00	1.30: 4.41	0.97	0.95	T	All	STATUS3	0.14913	1.90
hCV11431467	CMA1	hCG40181	V0002	3.20E-03	2.40E+00	1.30: 4.41	0.98	0.94	T	All	STATUS10	0.00726	3.35
hCV11450563		hCG2041082	S0012	3.48E-04	7.49E-01	0.64: 0.88	0.35	0.37	T	Male	STATUS1	0.46830	0.91
hCV11450563		hCG2041082	V0002	3.48E-04	7.49E-01	0.64: 0.88	0.30	0.39	T	Male	STATUS8	0.00008	0.67
hCV11450563		hCG2041082	S0012	4.12E-02	1.27E+00	1.01: 1.60	0.37	0.27	T	Female	STATUS2	0.00491	1.60
hCV11450563		hCG21749	S0012	8.42E-04	3.56E-01	0.19: 0.67	0.96	0.98	T	Female	STATUS9	1.00000	1.02
hCV11474611	CALM1	hCG21749	V0002	8.42E-04	3.56E-01	0.19: 0.67	0.94	0.99	T	Smoker-	STATUS1	0.27606	0.54
hCV11474611	CALM1	hCG21749	S0012	2.48E-02	6.11E-01	0.40: 0.94	0.96	0.96	T	Smoker-	STATUS8	0.00074	0.26
hCV11474611	CALM1	hCG21749	V0002	2.48E-02	6.11E-01	0.40: 0.94	0.95	0.97	T	Young	STATUS1	0.71964	0.86
hCV11474611	CALM1	hCG21749	S0012	2.35E-02	6.22E-01	0.41: 0.94	0.96	0.96	T	Young	STATUS8	0.01576	0.50
hCV11474611	CALM1	hCG21749	V0002	2.35E-02	6.22E-01	0.41: 0.94	0.96	0.98	T	All	STATUS2	0.59814	0.85
hCV11487869	CRAM	hCG1646674	S0012	3.42E-02	1.78E+00	1.04: 3.03	0.03	0.02	T	All	STATUS9	0.01114	0.42
hCV11487869	CRAM	hCG1646674	V0002	3.42E-02	1.78E+00	1.04: 3.03	0.03	0.01	G	All	STATUS2	0.73421	1.20
hCV11548140		hCG1792358	S0012	4.56E-02	5.99E-01	0.36: 0.99	0.06	0.11	G	All	STATUS9	0.00872	2.90
hCV11548140		hCG1792358	V0002	4.56E-02	5.99E-01	0.36: 0.99	0.09	0.12	T	Smoker+	STATUS6	0.09244	0.54
hCV11613987		hCG1792358	S0012	2.89E-02	7.12E-01	0.52: 0.97	0.32	0.33	T	Smoker+	STATUS17	0.54864	0.70
hCV11613987		hCG1792358	V0002	2.89E-02	7.12E-01	0.52: 0.97	0.24	0.35	T	All	STATUS4	0.89961	0.97
hCV11613987		hCG1792358	S0012	2.34E-02	7.67E-01	0.61: 0.96	0.30	0.38	T	All	STATUS11	0.00679	0.59
hCV11613987		hCG1792358	V0002	2.34E-02	7.67E-01	0.61: 0.96	0.29	0.33	T	All	STATUS17	0.32771	0.83
hCV11708080	TUCAN	hCG15257	S0012	3.09E-02	7.24E-01	0.54: 0.97	0.66	0.67	A	All	STATUS4	0.90023	0.94
hCV11708080	TUCAN	hCG15257	V0002	3.09E-02	7.24E-01	0.54: 0.97	0.60	0.71	A	All	STATUS11	0.01124	0.62
hCV11943471	CTSH	hCG24334	S0012	1.43E-02	1.76E+00	1.12: 2.76	0.22	0.16	T	Male	STATUS3	0.13686	1.55
hCV11943471	CTSH	hCG24334	V0002	1.43E-02	1.76E+00	1.12: 2.76	0.22	0.11	T	Male	STATUS10	0.04708	2.21
hCV1496698	FABP3	hCG19516	S0012	2.76E-02	2.40E+00	1.08: 5.35	0.96	0.95	T	All	STATUS4	0.77897	1.21
hCV1496698	FABP3	hCG19516	V0002	2.76E-02	2.40E+00	1.08: 5.35	0.99	0.94	T	All	STATUS11	0.01017	4.58
hCV1526320	FLJ10922	hCG15259	S0012	4.64E-02	1.13E+00	1.00: 1.28	0.36	0.33	T	All	STATUS1	0.17377	1.15
hCV1526320	FLJ10922	hCG15259	V0002	4.64E-02	1.13E+00	1.00: 1.28	0.36	0.33	T	All	STATUS8	0.15960	1.12
hCV15746640	CTSS	hCG39378	S0012	2.12E-02	6.76E-01	0.48: 0.95	0.08	0.09	G	Male	STATUS2	0.70402	0.90
hCV15746640	CTSS	hCG39378	V0002	2.12E-02	6.76E-01	0.48: 0.95	0.06	0.11	G	Male	STATUS9	0.00474	0.51
hCV15746640	CTSS	hCG39378	S0012	3.45E-02	6.68E-01	0.46: 0.98	0.08	0.10	G	Smoker-	STATUS2	0.67345	0.87
hCV15746640	CTSS	hCG39378	V0002	3.45E-02	6.68E-01	0.46: 0.98	0.06	0.11	G	Smoker-	STATUS9	0.02446	0.52
hCV15852049	VIL2	hCG18160	S0012	9.15E-03	5.92E+01	0.18: 19422	1.00	1.00	G	Female	STATUS5	1.00000	1.15
hCV15852049	VIL2	hCG18160	V0002	9.15E-03	5.92E+01	0.18: 19422	1.00	0.97	G	Female	STATUS12	0.00614	114.59
hCV15861147	ZNF224	hCG1647772	S0012	2.32E-02	0.68	0.48: 0.95	0.85	0.87	G	Smoker+	STATUS5	0.53376	0.85

TABLE 7, page 2 of 18

CL001510

Marker	Gene Name	hCG	Sample Set	MH p-value	MH OR	MH OR 95CI	Case Freq.	Cntrl Freq.	Allele	Strata	Status	p-value	OR
hCV15861147	ZNF224	hCG1647772	V0002	2.32E-02	0.68	0.48: 0.95	0.82	0.89	G	Smoke+	STATUS12	0.00995	0.55
hCV15861147	ZNF224	hCG1647772	S0012	4.95E-02	0.71	0.51: 1.00	0.83	0.84	G	Young	STATUS5	0.78446	0.90
hCV15861147	ZNF224	hCG1647772	V0002	4.95E-02	0.71	0.51: 1.00	0.84	0.90	G	Young	STATUS12	0.78446	0.60
hCV15863388	PADI3	hCG25124	S0012	2.85E-02	1.26E+00	1.02: 1.56	0.93	0.92	G	All	STATUS1	0.46445	1.15
hCV15863388	PADI3	hCG25124	V0002	2.85E-02	1.26E+00	1.02: 1.56	0.92	0.90	G	All	STATUS8	0.03380	1.33
hCV15867444	SPON2	hCG34446	S0012	3.25E-02	7.03E-01	0.51: 0.97	0.74	0.74	C	All	STATUS4	0.89296	0.98
hCV15867444	SPON2	hCG34446	V0002	3.25E-02	7.03E-01	0.51: 0.97	0.71	0.81	C	All	STATUS11	0.01121	0.57
hCV15869509		hCG2012957	S0012	4.17E-02	8.37E-01	0.71: 0.99	0.41	0.48	G	Smoke+	STATUS1	0.05727	0.76
hCV15869509		hCG2012957	V0002	4.17E-02	8.37E-01	0.71: 0.99	0.47	0.50	G	Smoke+	STATUS8	0.29039	0.89
hCV15869509		hCG2012957	S0012	1.36E-02	7.02E-01	0.53: 0.93	0.41	0.51	G	All	STATUS4	0.07600	0.66
hCV15869509		hCG2012957	V0002	1.36E-02	7.02E-01	0.53: 0.93	0.41	0.49	G	All	STATUS11	0.07575	0.72
hCV15869509		hCG2012957	S0012	1.84E-03	7.60E-01	0.64: 0.90	0.39	0.44	G	All	STATUS5	0.18553	0.83
hCV15869509		hCG2012957	V0002	1.84E-03	7.60E-01	0.64: 0.90	0.43	0.51	G	All	STATUS12	0.00387	0.71
IL1F5		hCG27243	S0012	4.85E-02	1.13E+00	1.00: 1.28	0.36	0.38	T	All	STATUS1	0.05177	0.93
IL1F5		hCG27243	V0002	4.85E-02	1.13E+00	1.00: 1.28	0.40	0.34	T	All	STATUS8	0.00235	1.28
LRPAP1		hCG20627	S0012	4.50E-02	1.38E+00	1.01: 1.89	0.97	0.96	G	All	STATUS1	0.69517	1.12
LRPAP1		hCG20627	V0002	4.50E-02	1.38E+00	1.01: 1.89	0.97	0.95	G	All	STATUS8	0.03144	1.56
COL9A2		hCG15675	S0012	2.44E-02	8.09E-01	0.67: 0.97	0.88	0.89	G	All	STATUS1	0.49573	0.90
COL9A2		hCG15675	V0002	2.44E-02	8.09E-01	0.67: 0.97	0.87	0.90	G	All	STATUS8	0.02136	0.76
hCV16171417		hCG16171417	S0012	1.49E-02	4.62E-01	0.24: 0.87	0.96	0.97	G	Old	STATUS1	0.71299	0.82
hCV16171906		hCG2041260	S0012	1.49E-02	4.62E-01	0.24: 0.87	0.97	1.00	G	Old	STATUS8	0.00199	0.12
hCV16171906		hCG2041260	V0002	1.49E-02	4.62E-01	0.24: 0.87	0.97	0.98	G	Smoke+	STATUS1	0.65025	0.75
hCV16171906		hCG2041260	S0012	4.84E-02	5.03E-01	0.25: 1.01	0.97	0.98	G	Smoke+	STATUS8	0.04430	0.33
hCV16171906		hCG2041260	V0002	4.84E-02	5.03E-01	0.25: 1.01	0.98	0.99	G	Young	STATUS1	0.31540	0.72
hCV16183633		hCG2042050	S0012	3.32E-02	6.25E-01	0.40: 0.97	0.04	0.05	T	Young	STATUS8	0.06543	0.57
hCV16183633		hCG2042050	V0002	3.32E-02	6.25E-01	0.40: 0.97	0.03	0.05	T	Young	STATUS8	0.06543	0.57
DKFZp434N1415		hCG2001821	S0012	4.40E-02	1.25E+00	1.01: 1.55	0.75	0.70	T	Male	STATUS2	0.11371	1.28
DKFZp434N1415		hCG2001821	V0002	4.40E-02	1.25E+00	1.01: 1.55	0.74	0.70	T	Male	STATUS9	0.21112	1.22
DKFZp434N1415		hCG2001821	S0012	4.77E-02	1.21E+00	1.00: 1.47	0.72	0.72	T	All	STATUS5	1.00000	1.01
DKFZp434N1415		hCG2001821	V0002	4.77E-02	1.21E+00	1.00: 1.47	0.76	0.69	T	All	STATUS12	0.00980	1.41
NPHP4		hCG22639	S0012	1.76E-03	0.61	0.45: 0.83	0.05	0.06	T	Young	STATUS1	0.45290	0.76
NPHP4		hCG22639	V0002	1.76E-03	0.61	0.45: 0.83	0.07	0.12	T	Young	STATUS8	0.00197	0.56
NPHP4		hCG22639	S0012	3.67E-03	0.66	0.49: 0.87	0.08	0.10	T	Smoke+	STATUS1	0.37708	0.79
NPHP4		hCG22639	V0002	3.67E-03	0.66	0.49: 0.87	0.08	0.12	T	Smoke+	STATUS8	0.00502	0.59
NPHP4		hCG22639	S0012	2.96E-02	0.74	0.57: 0.97	0.08	0.10	T	Male	STATUS1	0.31273	0.79
NPHP4		hCG22639	V0002	2.96E-02	0.74	0.57: 0.97	0.08	0.10	T	Male	STATUS8	0.05852	0.72
FAAH		hCG2031650	S0012	1.47E-02	7.32E-01	0.57: 0.94	0.80	0.86	C	Smoke-	STATUS1	0.03461	0.61
FAAH		hCG2031650	V0002	1.47E-02	7.32E-01	0.57: 0.94	0.75	0.79	C	Smoke-	STATUS8	0.15760	0.81
FAAH		hCG2031650	S0012	2.20E-02	7.74E-01	0.62: 0.96	0.80	0.83	C	Old	STATUS1	0.26546	0.82
FAAH		hCG2031650	V0002	2.20E-02	7.74E-01	0.62: 0.96	0.79	0.84	C	Old	STATUS8	0.04700	0.74
RHBDL2		hCG25147	S0012	3.93E-02	7.56E-01	0.58: 0.99	0.25	0.31	T	Young	STATUS5	0.29030	0.76
RHBDL2		hCG25147	V0002	3.93E-02	7.56E-01	0.58: 0.99	0.29	0.35	T	Young	STATUS12	0.10243	0.76
GJA10		hCG1786672	S0012	4.84E-02	8.43E-01	0.71: 1.00	0.48	0.43	T	Smoke+	STATUS1	0.14160	1.23
GJA10		hCG1786672	V0002	4.84E-02	8.43E-01	0.71: 1.00	0.44	0.55	T	Smoke+	STATUS8	0.00023	0.66
ZNF175		hCG91953	S0012	3.65E-02	6.85E-01	0.48: 0.98	0.12	0.12	T	Smoke+	STATUS5	0.89421	0.97
ZNF175		hCG91953	V0002	3.65E-02	6.85E-01	0.48: 0.98	0.08	0.16	T	Smoke+	STATUS12	0.00627	0.50
F5		hCG38011	S0012	1.90E-02	6.48E-01	0.45: 0.93	0.07	0.09	G	Old	STATUS2	0.22786	0.73
F5		hCG38011	V0002	1.90E-02	6.48E-01	0.45: 0.93	0.08	0.14	G	Old	STATUS9	0.04512	0.56
hCV2229826		hCG38011	S0012	7.08E-03	5.31E-01	0.33: 0.85	0.06	0.08	G	Female	STATUS5	0.47226	0.75
hCV2229826		hCG38011	V0002	7.08E-03	5.31E-01	0.33: 0.85	0.06	0.14	G	Female	STATUS12	0.00443	0.41

TABLE 7, page 3 of 18

CL001510

Marker	Gene Name	hCG	Sample Set	MH p-value	MH OR	MH OR 95CI	Case Freq.	Cntrl Freq.	Allele	Strata	Status	p-value	OR
hCV2234166	IL17F	hCG1651775	S0012	2.29E-02	6.44E-01	0.44: 0.94	0.91	0.92	T	Smoke-	STATUS1	0.88569	0.92
hCV2234166	IL17F	hCG1651775	V0002	2.29E-02	6.44E-01	0.44: 0.94	0.90	0.95	T	Smoke-	STATUS8	0.00440	0.49
hCV2482663		hCG1640630	S0012	2.28E-02	6.59E-01	0.46: 0.95	0.05	0.05	C	Male	STATUS1	0.88163	0.94
hCV2482663		hCG1640630	V0002	2.28E-02	6.59E-01	0.46: 0.95	0.03	0.06	C	Male	STATUS8	0.00966	0.53
hCV2544197		hCG38926	S0012	1.65E-02	1.60	1.09: 2.36	0.30	0.29	G	Male	STATUS4	1.00000	1.06
hCV2544197		hCG38926	V0002	1.65E-02	1.60	1.09: 2.36	0.38	0.24	G	Male	STATUS11	0.00500	1.96
hCV25471646	GZMB	hCG40183	S0012	6.94E-04	5.72E-01	0.41: 0.79	0.71	0.80	T	All	STATUS4	0.09838	0.61
hCV25471646	GZMB	hCG40183	V0002	6.94E-04	5.72E-01	0.41: 0.79	0.70	0.81	T	All	STATUS11	0.00502	0.55
hCV25471646	GZMB	hCG40183	S0012	4.74E-02	7.58E-01	0.58: 1.00	0.73	0.81	T	Young	STATUS5	0.06825	0.64
hCV25471646	GZMB	hCG40183	V0002	4.74E-02	7.58E-01	0.58: 1.00	0.72	0.76	T	Young	STATUS12	0.29638	0.83
hCV25471646	GZMB	hCG40183	S0012	2.00E-02	6.26E-01	0.42: 0.93	0.71	0.81	T	Smoke-	STATUS6	0.03616	0.56
hCV25471646	GZMB	hCG40183	V0002	2.00E-02	6.26E-01	0.42: 0.93	0.74	0.80	T	Smoke-	STATUS17	0.29721	0.71
hCV25473944	TYRO3	hCG37451	S0012	3.32E-02	1.28E+00	1.02: 1.61	0.71	0.67	T	Female	STATUS2	0.23674	1.22
hCV25473944	TYRO3	hCG37451	V0002	3.32E-02	1.28E+00	1.02: 1.61	0.72	0.66	T	Female	STATUS9	0.08108	1.34
hCV25604102	FBXO6	hCG24778	S0012	3.10E-04	4.62E-01	0.30: 0.72	0.87	0.98	G	Female	STATUS2	0.00000	0.11
hCV25604102	FBXO6	hCG24778	V0002	3.10E-04	4.62E-01	0.30: 0.72	0.91	0.91	G	Female	STATUS9	1.00000	0.99
hCV25604102	FBXO6	hCG24778	S0012	1.20E-03	1.61E+00	1.20: 2.16	0.91	0.88	G	Male	STATUS2	0.16449	1.39
hCV25604102	FBXO6	hCG24778	V0002	1.20E-03	1.61E+00	1.20: 2.16	0.90	0.83	G	Male	STATUS9	0.00320	1.82
hCV25604817	PADI3	hCG25124	S0012	2.76E-02	7.82E-01	0.63: 0.97	0.06	0.07	G	All	STATUS1	0.33704	0.82
hCV25604817	PADI3	hCG25124	V0002	2.76E-02	7.82E-01	0.63: 0.97	0.07	0.09	G	All	STATUS8	0.05183	0.76
hCV25606792	DUSP6	hCG26604	S0012	1.75E-02	3.93E-01	0.18: 0.87	0.04	0.05	A	All	STATUS4	1.00000	0.86
hCV25606792	DUSP6	hCG26604	V0002	1.75E-02	3.93E-01	0.18: 0.87	0.01	0.06	A	All	STATUS11	0.00374	0.21
hCV25612120	AGL	hCG31497	S0012	9.68E-04	7.59E-01	0.64: 0.89	0.15	0.15	T	All	STATUS1	0.78658	0.96
hCV25612120	AGL	hCG31497	V0002	9.68E-04	7.59E-01	0.64: 0.89	0.13	0.18	T	All	STATUS8	0.00007	0.65
hCV25612495	DKFZP564C186	hCG1995465	S0012	2.77E-02	6.88E-01	0.49: 0.96	0.94	0.95	G	All	STATUS2	0.57293	0.88
hCV25612495	DKFZP564C186	hCG1995465	V0002	2.77E-02	6.88E-01	0.49: 0.96	0.93	0.96	G	All	STATUS9	0.01311	0.53
hCV25612635	GSDM	hCG30023	S0012	5.83E-03	1.35E+00	1.09: 1.66	0.65	0.61	G	Smoke-	STATUS1	0.32088	1.20
hCV25612635	GSDM	hCG30023	V0002	5.83E-03	1.35E+00	1.09: 1.66	0.72	0.63	G	Smoke-	STATUS8	0.00881	1.47
hCV25612635	GSDM	hCG30023	S0012	4.98E-02	1.19E+00	1.00: 1.42	0.67	0.65	G	Old	STATUS1	0.61810	1.08
hCV25612635	GSDM	hCG30023	V0002	4.98E-02	1.19E+00	1.00: 1.42	0.68	0.62	G	Old	STATUS8	0.04001	1.28
hCV25612635	GSDM	hCG30023	S0012	4.60E-02	8.07E-01	0.65: 1.00	0.64	0.70	G	Smoke+	STATUS2	0.06600	0.76
hCV25612635	GSDM	hCG30023	V0002	4.60E-02	8.07E-01	0.65: 1.00	0.65	0.68	G	Smoke+	STATUS9	0.36464	0.86
hCV25614454	ORC1L	hCG32716	S0012	3.32E-02	6.45E-01	0.43: 0.97	0.02	0.03	G	All	STATUS2	0.86493	0.88
hCV25614454	ORC1L	hCG32716	V0002	3.32E-02	6.45E-01	0.43: 0.97	0.02	0.05	G	All	STATUS9	0.01640	0.52
hCV25614454	ORC1L	hCG32716	S0012	2.19E-03	1.73E-01	0.05: 0.58	0.01	0.06	G	Smoke-	STATUS3	0.03631	0.09
hCV25614454	ORC1L	hCG32716	V0002	2.19E-03	1.73E-01	0.05: 0.58	0.02	0.05	G	Smoke-	STATUS10	0.09620	0.29
hCV25614454	ORC1L	hCG32716	S0012	1.02E-02	2.67E-01	0.09: 0.76	0.01	0.06	G	Female	STATUS3	0.04985	0.19
hCV25614454	ORC1L	hCG32716	V0002	1.02E-02	2.67E-01	0.09: 0.76	0.02	0.04	G	Female	STATUS10	0.37076	0.41
hCV25619066	DCLE1B	hCG38638	S0012	2.34E-04	1.69	1.27: 2.23	0.18	0.14	T	Smoke-	STATUS1	0.12978	1.41
hCV25619066	DCLE1B	hCG38638	V0002	2.34E-04	1.69	1.27: 2.23	0.20	0.12	T	Smoke-	STATUS8	0.00064	1.91
hCV25619066	DCLE1B	hCG38638	S0012	4.55E-02	1.26	1.00: 1.58	0.20	0.18	T	Young	STATUS1	0.53079	1.13
hCV25619066	DCLE1B	hCG38638	V0002	4.55E-02	1.26	1.00: 1.58	0.16	0.13	T	Young	STATUS8	0.05058	1.36
hCV25621077	ABCB5	hCG2038595	S0012	3.35E-02	1.36E+00	1.02: 1.82	0.19	0.17	G	Smoke-	STATUS2	0.03461	1.61
hCV25621077	ABCB5	hCG2038595	V0002	3.35E-02	1.36E+00	1.02: 1.82	0.20	0.25	G	Smoke-	STATUS9	0.38155	1.19
hCV25621077	ABCB5	hCG2038595	S0012	4.84E-02	6.85E-01	0.47: 1.00	0.17	0.25	G	Smoke+	STATUS3	0.05962	0.63
hCV25621077	ABCB5	hCG2038595	V0002	4.84E-02	6.85E-01	0.47: 1.00	0.20	0.24	G	Smoke+	STATUS10	0.34012	0.78
hCV25621077	ABCB5	hCG2038595	S0012	5.88E-03	6.07E-01	0.43: 0.87	0.21	0.25	G	All	STATUS4	0.39809	0.78
hCV25621077	ABCB5	hCG2038595	V0002	5.88E-03	6.07E-01	0.43: 0.87	0.14	0.24	G	All	STATUS11	0.00504	0.51
hCV25623804	BAT2	hCG40302	S0012	2.50E-02	2.54E-01	0.07: 0.98	0.95	0.99	G	Smoke+	STATUS3	0.01154	0.12

TABLE 7, page 4 of 18

CL001510

Marker	Gene Name	hCG	Sample Set	MH p-value	MH OR	MH OR 95CI	Case Freq.	Cntrl Freq.	Allele	Strata	Status	p-value	OR
hCV25623804	BAT2	hCG40302	V0002	2.50E-02	2.54E-01	0.07: 0.98	0.97	0.98	G	Smoke+	STATUS10	1.00000	0.66
hCV25623831	BAT2	hCG40302	S0012	6.26E-05	4.40E-01	0.29: 0.66	0.02	0.03	T	All	STATUS1	0.07177	0.58
hCV25623831	BAT2	hCG40302	V0002	6.26E-05	4.40E-01	0.29: 0.66	0.01	0.03	T	All	STATUS8	0.00021	0.37
hCV25623831	BAT2	hCG40302	S0012	1.03E-02	1.85E-01	0.04: 0.82	0.01	0.03	T	Female	STATUS3	0.25890	0.28
hCV25623831	BAT2	hCG40302	V0002	1.03E-02	1.85E-01	0.04: 0.82	0.00	0.03	T	Female	STATUS10	0.04829	0.06
hCV25627535	BDK1	hCG15722	S0012	4.61E-03	4.37E-01	0.24: 0.80	0.02	0.03	T	Male	STATUS2	0.48777	0.70
hCV25627535	PDK1	hCG15722	V0002	4.61E-03	4.37E-01	0.24: 0.80	0.01	0.05	T	Male	STATUS9	0.00256	0.29
hCV25627535	PDK1	hCG15722	S0012	5.81E-03	2.42E-01	0.08: 0.74	0.01	0.02	T	Young	STATUS5	0.72420	0.52
hCV25627535	PDK1	hCG15722	V0002	5.81E-03	2.42E-01	0.08: 0.74	0.01	0.04	T	Young	STATUS12	0.00713	0.15
hCV25636918	RLF	hCG15674	S0012	1.34E-03	6.27E-01	0.47: 0.84	0.03	0.05	G	All	STATUS1	0.16814	0.72
hCV25636918	RLF	hCG15674	V0002	1.34E-03	6.27E-01	0.47: 0.84	0.04	0.05	G	All	STATUS8	0.00398	0.57
hCV25638264	P2RY4	hCG1642880	S0012	2.99E-02	1.46E+00	1.04: 2.07	0.96	0.96	C	All	STATUS1	1.00000	1.03
hCV25638264	P2RY4	hCG1642880	V0002	2.99E-02	1.46E+00	1.04: 2.07	0.98	0.97	C	All	STATUS8	0.00355	2.13
hCV25642731		hCG2040354	S0012	2.90E-02	4.91E+00	0.90: 26.68	1.00	0.99	T	Old	STATUS5	1.00000	1.75
hCV25642731		hCG2040354	V0002	2.90E-02	4.91E+00	0.90: 26.68	1.00	0.98	T	Old	STATUS12	0.03470	14.28
hCV25643942	IFRG28	hCG1653633	S0012	2.03E-02	1.47E+00	1.06: 2.05	0.98	0.97	G	All	STATUS1	0.65335	1.14
hCV25643942	IFRG28	hCG1653633	V0002	2.03E-02	1.47E+00	1.06: 2.05	0.97	0.95	G	All	STATUS8	0.01344	1.67
hCV25653669		hCG1780249	S0012	2.26E-02	7.27E-01	0.55: 0.96	0.05	0.06	T	All	STATUS1	0.53638	0.89
hCV25653669		hCG1780249	V0002	2.26E-02	7.27E-01	0.55: 0.96	0.03	0.05	T	All	STATUS8	0.01149	0.61
hCV25744904		hCG1646666	S0012	1.40E-02	2.99E+00	1.20: 7.41	0.01	0.01	G	Young	STATUS1	0.74007	1.26
hCV25744904		hCG1646666	V0002	1.40E-02	2.99E+00	1.20: 7.41	0.02	0.00	G	Young	STATUS8	0.00427	5.79
hCV25744904		hCG1646666	S0012	1.56E-02	4.59E+00	1.18: 17.84	0.01	0.01	G	All	STATUS4	1.00000	1.26
hCV25744904		hCG1646666	V0002	1.56E-02	4.59E+00	1.18: 17.84	0.03	0.00	G	All	STATUS11	0.01218	11.43
hCV25744904		hCG1646666	S0012	9.37E-03	2.24E+01	0.77: 648.90	0.01	0.00	G	Smoke-	STATUS6	1.00000	22.40
hCV25744904		hCG1646666	V0002	9.37E-03	2.24E+01	0.77: 648.90	0.04	0.00	G	Smoke-	STATUS17	0.00898	0.94
hCV2588398	ABCA6	hCG2039659	S0012	3.84E-02	0.67	0.46: 0.98	0.37	0.38	T	Male	STATUS4	0.87017	0.94
hCV2588398	ABCA6	hCG2039659	V0002	3.84E-02	0.67	0.46: 0.98	0.29	0.42	T	Male	STATUS11	0.02113	0.57
hCV25923263	MRPL10	hCG29363	S0012	8.76E-03	7.23E-01	0.57: 0.92	0.62	0.70	C	All	STATUS3	0.02762	0.69
hCV25923263	MRPL10	hCG29363	V0002	8.76E-03	7.23E-01	0.57: 0.92	0.61	0.67	C	All	STATUS10	0.14379	0.76
hCV25923263	MRPL10	hCG29363	S0012	8.55E-03	7.88E-01	0.66: 0.94	0.62	0.67	C	All	STATUS5	0.14938	0.82
hCV25923263	MRPL10	hCG29363	V0002	8.55E-03	7.88E-01	0.66: 0.94	0.59	0.65	C	All	STATUS12	0.02983	0.77
hCV25924133	FLJ21941	hCG2008146	S0012	2.93E-02	7.91E-01	0.64: 0.98	0.77	0.80	G	Smoke+	STATUS1	0.44638	0.87
hCV25924133	FLJ21941	hCG2008146	V0002	2.93E-02	7.91E-01	0.64: 0.98	0.76	0.81	G	Smoke+	STATUS8	0.03241	0.75
hCV25924894	SERPINA11	hCG1641222	S0012	1.79E-03	0.75	0.63: 0.90	0.68	0.70	G	Young	STATUS1	0.70449	0.94
hCV25924894	SERPINA11	hCG1641222	V0002	1.79E-03	0.75	0.63: 0.90	0.65	0.74	G	Young	STATUS8	0.00035	0.66
hCV25924894	SERPINA11	hCG1641222	S0012	2.92E-02	0.83	0.70: 0.98	0.68	0.69	G	Male	STATUS1	0.89167	0.98
hCV25924894	SERPINA11	hCG1641222	V0002	2.92E-02	0.83	0.70: 0.98	0.69	0.74	G	Male	STATUS8	0.00858	0.75
hCV25925607		hCG2040206	S0012	4.97E-02	1.15E+00	1.00: 1.31	0.74	0.73	T	All	STATUS1	0.66450	1.06
hCV25925607		hCG2040206	V0002	4.97E-02	1.15E+00	1.00: 1.31	0.79	0.75	T	All	STATUS8	0.03638	1.21
hCV25928417	CHRD	hCG1778342	S0012	1.14E-02	6.20E-01	0.43: 0.90	0.13	0.15	C	All	STATUS4	0.73612	0.86
hCV25928417	CHRD	hCG1778342	V0002	1.14E-02	6.20E-01	0.43: 0.90	0.15	0.25	C	All	STATUS11	0.00841	0.54
hCV25928842		hCG1778342	S0012	5.98E-03	2.20E-01	0.07: 0.72	0.98	1.00	T	Smoke+	STATUS1	0.17120	0.12
hCV25928842		hCG1778342	V0002	5.98E-03	2.20E-01	0.07: 0.72	0.99	0.99	T	Smoke+	STATUS8	0.02173	0.24
hCV25928842		hCG1778342	S0012	1.27E-02	1.12E-01	0.01: 0.95	0.98	1.00	T	Old	STATUS2	0.01077	0.05
hCV25928842		hCG1778342	V0002	1.27E-02	1.12E-01	0.01: 0.95	0.99	1.00	T	Old	STATUS9	0.70427	0.25
hCV25928842		hCG1778342	S0012	1.29E-02	1.00E-01	0.01: 0.92	0.99	1.00	T	All	STATUS3	0.26062	0.15
hCV25928842		hCG1778342	V0002	1.29E-02	1.00E-01	0.01: 0.92	0.96	1.00	T	All	STATUS10	0.04480	0.09
hCV25928842		hCG1778342	S0012	7.09E-04	9.08E-02	0.02: 0.51	0.99	1.00	T	All	STATUS4	0.44444	0.09
hCV25928842		hCG1778342	V0002	7.09E-04	9.08E-02	0.02: 0.51	0.95	1.00	T	All	STATUS11	0.00138	0.09

TABLE 7, page 5 of 18

CL001510

Marker	Gene Name	hCG	Sample Set	MH p-value	MH OR	MH OR 95CI	Case Freq.	Cntrl Freq.	Allele	Strata	Status	p-value	OR
hCV25928952	SERPINA11	hCG1641222	S0012	4.90E-03	7.72E-01	0.64: 0.92	0.69	0.71	C	Young	STATUS1	0.59353	0.91
hCV25928952	SERPINA11	hCG1641222	V0002	4.90E-03	7.72E-01	0.64: 0.92	0.65	0.73	C	Young	STATUS8	0.00196	0.70
hCV25928952	SERPINA11	hCG1641222	S0012	8.77E-03	7.33E-01	0.58: 0.93	0.69	0.72	C	All	STATUS6	0.37982	0.86
hCV25928952	SERPINA11	hCG1641222	V0002	8.77E-03	7.33E-01	0.58: 0.93	0.62	0.73	C	All	STATUS17	0.00470	0.60
hCV25930271		hCG1810785	S0012	1.83E-02	0.14	0.02: 0.96	0.98	1.00	T	Smoke+	STATUS6	0.03416	0.06
hCV25930271		hCG1810785	V0002	1.83E-02	0.14	0.02: 0.96	0.97	0.99	T	Smoke+	STATUS17	0.41193	0.24
hCV25934339	KCNQ4	hCG22866	S0012	1.40E-02	1.30E+00	1.05: 1.60	0.24	0.19	G	Old	STATUS1	0.10383	1.32
hCV25934339	KCNQ4	hCG22866	V0002	1.40E-02	1.30E+00	1.05: 1.60	0.24	0.20	G	Old	STATUS8	0.08102	1.28
hCV25934339	KCNQ4	hCG22866	S0012	3.31E-02	8.05E-01	0.66: 0.98	0.18	0.25	G	Young	STATUS1	0.03323	0.69
hCV25934339	KCNQ4	hCG22866	V0002	3.31E-02	8.05E-01	0.66: 0.98	0.22	0.24	G	Young	STATUS8	0.31273	0.87
hCV25951926		hCG1641163	S0012	2.34E-02	1.37	1.04: 1.79	0.24	0.21	T	Smoke-	STATUS2	0.50545	1.15
hCV25951926		hCG1641163	V0002	2.34E-02	1.37	1.04: 1.79	0.23	0.15	T	Smoke-	STATUS9	0.01484	1.63
hCV25951926		hCG1641163	S0012	4.27E-03	1.51	1.14: 2.01	0.23	0.23	T	Young	STATUS5	0.90613	1.01
hCV25951926		hCG1641163	V0002	4.27E-03	1.51	1.14: 2.01	0.28	0.17	T	Young	STATUS12	0.00036	1.94
hCV25951926		hCG1641163	S0012	3.54E-02	1.36	1.02: 1.80	0.24	0.23	T	Male	STATUS5	0.83161	1.04
hCV25951926		hCG1641163	V0002	3.54E-02	1.36	1.02: 1.80	0.26	0.17	T	Male	STATUS12	0.00776	1.70
hCV25959272		hCG23215	S0012	1.52E-02	3.48E-01	0.14: 0.85	0.98	0.99	C	Female	STATUS1	0.13647	0.32
hCV25959272		hCG23215	V0002	1.52E-02	3.48E-01	0.14: 0.85	0.98	0.99	C	Female	STATUS8	0.06093	0.36
hCV25959272		hCG23215	S0012	2.21E-02	2.91E+00	1.19: 7.14	0.99	0.93	C	Male	STATUS3	0.00460	6.51
hCV25959272		hCG23215	V0002	2.21E-02	2.91E+00	1.19: 7.14	0.97	0.97	C	Male	STATUS10	1.00000	1.07
hCV25967803	EBNA1BP2	hCG2031782	S0012	2.48E-02	2.73E+00	1.09: 6.82	0.06	0.03	C	Smoke-	STATUS6	0.22577	2.25
hCV25967803	EBNA1BP2	hCG2031782	V0002	2.48E-02	2.73E+00	1.09: 6.82	0.06	0.02	C	Smoke-	STATUS17	0.11308	3.61
hCV25968842		hCG2031744	S0012	1.46E-03	1.84E-01	0.06: 0.59	0.99	1.00	G	Smoke-	STATUS1	0.06793	0.01
hCV25968842		hCG2031744	V0002	1.46E-03	1.84E-01	0.06: 0.59	0.97	0.99	G	Smoke-	STATUS8	0.00947	0.24
hCV25968842		hCG2031744	S0012	3.85E-03	2.89E-01	0.12: 0.70	0.99	0.99	G	All	STATUS2	0.31088	0.52
hCV25968842		hCG2031744	V0002	3.85E-03	2.89E-01	0.12: 0.70	0.98	1.00	G	All	STATUS9	0.00354	0.17
hCV25968842		hCG2031744	S0012	2.50E-02	2.86E-01	0.09: 0.92	0.99	0.99	G	Male	STATUS4	1.00000	0.86
hCV25968842		hCG2031744	V0002	2.50E-02	2.86E-01	0.09: 0.92	0.94	0.98	G	Male	STATUS11	0.06327	0.25
hCV25969074	FLJ33655	hCG2031767	S0012	1.06E-02	1.19E+00	1.04: 1.35	0.27	0.27	G	All	STATUS1	0.95886	1.01
hCV25969074	FLJ33655	hCG2031767	V0002	1.06E-02	1.19E+00	1.04: 1.35	0.32	0.26	T	All	STATUS8	0.00165	1.31
hCV25972158	VIP	hCG37668	S0012	9.30E-03	1.25E+00	1.06: 1.47	0.27	0.26	T	All	STATUS2	0.51545	1.08
hCV25972158	VIP	hCG37668	V0002	9.30E-03	1.25E+00	1.06: 1.47	0.29	0.22	T	All	STATUS9	0.00336	1.43
hCV25972158	VIP	hCG37668	S0012	3.04E-02	1.35E+00	1.03: 1.77	0.27	0.25	T	All	STATUS3	0.47882	1.13
hCV25972158	VIP	hCG37668	V0002	3.04E-02	1.35E+00	1.03: 1.77	0.28	0.18	T	All	STATUS10	0.01519	1.74
hCV25973331		hCG2038590	S0012	1.03E-02	1.22E+00	1.05: 1.42	0.44	0.44	G	Male	STATUS1	1.00000	1.00
hCV25973331		hCG2038590	V0002	1.03E-02	1.22E+00	1.05: 1.42	0.47	0.40	G	Male	STATUS8	0.00145	1.37
hCV25996687		hCG22893	S0012	1.31E-03	1.53E+00	1.18: 1.98	0.95	0.94	T	All	STATUS1	0.53638	1.13
hCV25996687		hCG22893	V0002	1.31E-03	1.53E+00	1.18: 1.98	0.96	0.93	T	All	STATUS8	0.00023	1.90
hCV25996687		hCG22893	S0012	2.32E-03	2.66E+00	1.35: 5.24	0.95	0.92	T	Male	STATUS3	0.16880	1.83
hCV25996687		hCG22893	V0002	2.32E-03	2.66E+00	1.35: 5.24	0.98	0.89	T	Male	STATUS10	0.00314	5.19
hCV25997335	FLJ35838	hCG2039466	S0012	4.52E-02	1.26E+00	1.00: 1.58	0.93	0.93	A	All	STATUS1	1.00000	1.00
hCV25997335	FLJ35838	hCG2039466	V0002	4.52E-02	1.26E+00	1.00: 1.58	0.94	0.91	A	All	STATUS8	0.01313	1.44
hCV2669290		hCG2012694	S0012	3.33E-02	8.33E-01	0.70: 0.99	0.47	0.46	G	Old	STATUS1	0.68589	1.06
hCV2669290		hCG2012694	V0002	3.33E-02	8.33E-01	0.70: 0.99	0.48	0.57	G	Old	STATUS8	0.00178	0.71
hCV3046056	PROZ	hCG27350	S0012	2.48E-02	1.57E+00	1.05: 2.33	0.95	0.95	G	Young	STATUS1	1.00000	1.03
hCV3046056	PROZ	hCG27350	V0002	2.48E-02	1.57E+00	1.05: 2.33	0.97	0.94	G	Young	STATUS8	0.00485	2.10
hCV3046056	PROZ	hCG27350	S0012	4.79E-02	1.69E+00	0.99: 2.89	0.96	0.95	G	Male	STATUS5	0.82170	1.22
hCV3046056	PROZ	hCG27350	V0002	4.79E-02	1.69E+00	0.99: 2.89	0.96	0.92	G	Male	STATUS12	0.03917	2.02
hCV3215333	ILK	hCG24084	S0012	1.18E-02	6.39E-01	0.45: 0.91	0.11	0.14	T	Young	STATUS5	0.65349	0.82

TABLE 7, page 6 of 18

CL001510

Marker	Gene Name	hCG	Sample Set	MH p-value	MH OR	MH OR 95CI	Case Freq.	Ctrl Freq.	Allele	Strata	Status	p-value	OR
hCV3215333	ILK	hCG24084	V0002	1.18E-02	6.39E-01	0.45: 0.91	0.11	0.18	T	Young	STATUS12	0.01046	0.56
hCV3297574	PCDHA1	hCG1982192	S0012	3.48E-02	0.85	0.73: 0.99	0.51	0.54	G	Male	STATUS1	0.41012	0.90
hCV3297574	PCDHA1	hCG1982192	V0002	3.48E-02	0.85	0.73: 0.99	0.48	0.52	G	Male	STATUS8	0.04615	0.82
hCV3297574	PCDHA1	hCG1982192	S0012	4.77E-02	0.84	0.71: 1.00	0.51	0.52	G	ALL	STATUS5	0.74346	0.96
hCV3297574	PCDHA1	hCG1982192	V0002	4.77E-02	0.84	0.71: 1.00	0.46	0.53	G	ALL	STATUS12	0.01891	0.76
FLJ10287		hCG31836	S0012	3.46E-02	1.55E+00	1.03: 2.32	0.18	0.13	G	All	STATUS4	0.24414	1.48
hCV734796		hCG31836	V0002	3.46E-02	1.55E+00	1.03: 2.32	0.16	0.10	G	All	STATUS11	0.10996	1.59
hCV7439646	CACH-1	hCG37739	S0012	3.04E-02	1.40E+00	1.03: 1.90	0.16	0.16	T	Female	STATUS2	1.00000	1.00
hCV7439646	CACH-1	hCG37739	V0002	3.04E-02	1.40E+00	1.03: 1.90	0.18	0.10	T	Female	STATUS9	0.00179	2.03
hCV7439646	CACH-1	hCG37739	S0012	2.14E-02	1.55E+00	1.06: 2.25	0.17	0.17	T	All	STATUS4	1.00000	1.00
hCV7439646	CACH-1	hCG37739	V0002	2.14E-02	1.55E+00	1.06: 2.25	0.22	0.12	T	All	STATUS11	0.00564	2.00
hCV8255336	MCCC1	hCG1811721	S0012	3.72E-03	1.32E+00	1.09: 1.58	0.80	0.78	G	Male	STATUS1	0.39233	1.15
hCV8255336	MCCC1	hCG1811721	V0002	3.72E-03	1.32E+00	1.09: 1.58	0.82	0.76	G	Male	STATUS8	0.00323	1.43
hCV8255336	MCCC1	hCG1811721	S0012	3.99E-03	1.35E+00	1.10: 1.66	0.80	0.78	G	Smoker+	STATUS1	0.49468	1.12
hCV8255336	MCCC1	hCG1811721	V0002	3.99E-03	1.35E+00	1.10: 1.66	0.82	0.74	G	Smoker+	STATUS8	0.00247	1.51
hCV8255336	MCCC1	hCG1811721	S0012	1.65E-02	1.37E+00	1.06: 1.76	0.78	0.75	G	All	STATUS6	0.38740	1.17
hCV8255336	MCCC1	hCG1811721	V0002	1.65E-02	1.37E+00	1.06: 1.76	0.81	0.72	G	All	STATUS17	0.01205	1.66
hCV8362510		hCG2040644	S0012	2.58E-02	1.51E+00	1.05: 2.17	0.12	0.08	T	All	STATUS6	0.08960	1.57
hCV8362510		hCG2040644	V0002	2.58E-02	1.51E+00	1.05: 2.17	0.11	0.08	T	All	STATUS17	0.26157	1.43
hCV8375075		hCG1788921	S0012	3.19E-02	8.60E-01	0.75: 0.99	0.23	0.23	T	All	STATUS1	0.86353	0.98
hCV8375075		hCG1788921	V0002	3.19E-02	8.60E-01	0.75: 0.99	0.22	0.26	T	All	STATUS8	0.01154	0.79
hCV8719309	PSMB4	hCG18905	S0012	3.68E-04	7.49E-01	0.64: 0.88	0.81	0.83	T	All	STATUS1	0.23837	0.86
hCV8719309	PSMB4	hCG18905	V0002	3.68E-04	7.49E-01	0.64: 0.88	0.82	0.87	T	All	STATUS8	0.00029	0.68
hCV8719309	PSMB4	hCG18905	S0012	4.89E-04	6.67E-01	0.53: 0.84	0.80	0.82	T	All	STATUS5	0.45300	0.87
hCV8719309	PSMB4	hCG18905	V0002	4.89E-04	6.67E-01	0.53: 0.84	0.79	0.88	T	All	STATUS12	0.00006	0.52
hCV8769759	ADAMTSL1	hCG1818607	S0012	4.25E-02	4.25E+00	0.96: 18.79	0.97	0.93	G	Male	STATUS4	0.28449	2.52
hCV8769759	ADAMTSL1	hCG1818607	V0002	4.25E-02	4.25E+00	0.96: 18.79	1.00	0.97	G	Male	STATUS11	0.08782	45.21
hCV8769759	ADAMTSL1	hCG1818607	S0012	4.67E-02	5.81E-01	0.34: 1.00	0.94	0.97	G	All	STATUS6	0.12436	0.55
hCV8769759	ADAMTSL1	hCG1818607	V0002	4.67E-02	5.81E-01	0.34: 1.00	0.95	0.97	G	All	STATUS17	0.39430	0.63
hCV8786419	ACHE	hCG19216	S0012	2.27E-02	6.04E-01	0.39: 0.95	0.05	0.06	T	Old	STATUS2	0.75418	0.93
hCV8786419	ACHE	hCG19216	V0002	2.27E-02	6.04E-01	0.39: 0.95	0.03	0.10	T	Old	STATUS9	0.00175	0.33
hCV8786419	ACHE	hCG19216	S0012	2.12E-02	5.83E-01	0.36: 0.94	0.05	0.06	T	All	STATUS3	0.73088	0.88
hCV8786419	ACHE	hCG19216	V0002	2.12E-02	5.83E-01	0.36: 0.94	0.04	0.10	T	All	STATUS10	0.00293	0.36
hCV8860726	KIAA0090	hCG41083	S0012	1.69E-02	1.40E+00	1.06: 1.84	0.11	0.10	T	Old	STATUS1	0.73926	1.10
hCV8860726	KIAA0090	hCG41083	V0002	1.69E-02	1.40E+00	1.06: 1.84	0.14	0.09	T	Old	STATUS8	0.00600	1.63
hCV8863782	SSX2IP	hCG25085	S0012	3.37E-03	7.47E-01	0.62: 0.91	0.63	0.70	G	Female	STATUS1	0.09972	0.76
hCV8863782	SSX2IP	hCG25085	V0002	3.37E-03	7.47E-01	0.62: 0.91	0.57	0.64	G	Female	STATUS8	0.01933	0.74
hCV8863782	SSX2IP	hCG25085	S0012	4.02E-02	8.04E-01	0.65: 0.99	0.64	0.67	G	Smoker-	STATUS1	0.44909	0.86
hCV8863782	SSX2IP	hCG25085	V0002	4.02E-02	8.04E-01	0.65: 0.99	0.58	0.64	G	Smoker-	STATUS8	0.05649	0.77
hCV8863782	SSX2IP	hCG25085	S0012	8.69E-04	7.74E-01	0.67: 0.90	0.64	0.68	G	All	STATUS2	0.11144	0.83
hCV8863782	SSX2IP	hCG25085	V0002	8.69E-04	7.74E-01	0.67: 0.90	0.60	0.67	G	All	STATUS9	0.00277	0.72
hCV8884725	PELO	hCG2002731	S0012	2.59E-02	4.43E-01	0.21: 0.92	0.02	0.03	G	All	STATUS6	0.34778	0.57
hCV8884725	PELO	hCG2002731	V0002	2.59E-02	4.43E-01	0.21: 0.92	0.01	0.04	G	All	STATUS17	0.05284	0.33
hCV8903097	IL4R	hCG1984906	S0012	4.21E-02	1.27E+00	1.01: 1.60	0.90	0.88	T	Male	STATUS1	0.41797	1.18
hCV8903097	IL4R	hCG1984906	V0002	4.21E-02	1.27E+00	1.01: 1.60	0.89	0.85	T	Male	STATUS8	0.05847	1.32
hCV8903097	IL4R	hCG1984906	S0012	4.55E-02	6.99E-01	0.49: 1.00	0.87	0.94	T	Female	STATUS2	0.00326	0.43
hCV8903097	IL4R	hCG1984906	V0002	4.55E-02	6.99E-01	0.49: 1.00	0.88	0.88	T	Female	STATUS9	1.00000	0.99
hCV8903097	IL4R	hCG1984906	S0012	6.45E-04	4.04E-01	0.24: 0.69	0.87	0.95	T	Smoker+	STATUS6	0.00272	0.37
hCV8903097	IL4R	hCG1984906	V0002	6.45E-04	4.04E-01	0.24: 0.69	0.85	0.93	T	Smoker+	STATUS17	0.06283	0.46

TABLE 7, page 7 of 18

CL001510

Marker	Gene Name	hCG	Sample Set	MH p-value	MH OR	MH OR 95CI	Case Freq.	Cntrl Freq.	Allele	Strata	Status	p-value	OR
hCV907914	MSH3	hCG37123	S0012	1.59E-02	8.18E-01	0.69: 0.96	0.85	0.85	G	All	STATUS1	0.63886	0.93
hCV907914	MSH3	hCG37123	V0002	1.59E-02	8.18E-01	0.69: 0.96	0.83	0.86	G	All	STATUS8	0.00879	0.75
hCV9102201	SYT11	hCG17193	S0012	4.47E-02	7.24E-01	0.53: 0.99	0.24	0.24	T	All	STATUS4	1.00000	0.99
hCV9102201	SYT11	hCG17193	V0002	4.47E-02	7.24E-01	0.53: 0.99	0.25	0.34	T	All	STATUS11	0.02019	0.62
hCV9243700	NDUFS2	hCG17857	S0012	1.53E-02	1.24E+00	1.04: 1.47	0.15	0.12	T	All	STATUS1	0.20815	1.21
hCV9243700	NDUFS2	hCG17857	V0002	1.53E-02	1.24E+00	1.04: 1.47	0.15	0.12	T	All	STATUS8	0.03884	1.26
hCV9491145	LILRB1	hCG20655	S0012	3.42E-02	8.18E-01	0.68: 0.99	0.69	0.73	T	Young	STATUS1	0.31476	0.86
hCV9491145	LILRB1	hCG20655	V0002	3.42E-02	8.18E-01	0.68: 0.99	0.71	0.75	T	Young	STATUS8	0.06395	0.79
hCV9491145	LILRB1	hCG20655	S0012	4.99E-02	7.70E-01	0.59: 1.00	0.66	0.69	T	Male	STATUS5	0.56010	0.89
hCV9491145	LILRB1	hCG20655	V0002	4.99E-02	7.70E-01	0.59: 1.00	0.71	0.78	T	Male	STATUS12	0.04889	0.68
hCV8362510		hCG2040644	S0012	1.07E-02	1.45	1.09: 1.93	0.12	0.10	T	Young	STATUS1	0.31137	1.28
hCV8362510		hCG2040644	V0002	1.07E-02	1.45	1.09: 1.93	0.10	0.07	T	Young	STATUS8	0.01463	1.59
hCV2275273	GOSR2	hCG1993582	S0012	3.31E-02	0.78	0.62: 0.98	0.66	0.62	G	Smoke-	STATUS2	0.40420	1.16
hCV2275273	GOSR2	hCG1993582	V0002	3.31E-02	0.78	0.62: 0.98	0.61	0.74	G	Smoke-	STATUS9	0.00013	0.53
hCV11467380	FLJ31384	hCG26677	S0012	4.19E-03	2.23	1.27: 3.90	0.96	0.94	T	All	STATUS6	0.161172165	1.66
hCV11467380	FLJ31384	hCG26677	V0002	4.19E-03	2.23	1.27: 3.90	0.98	0.94	T	All	STATUS17	0.004639139	3.58
hCV11496102	SLC2A8	hCG28276	S0012	4.57E-02	0.80	0.64: 1.00	0.34	0.35	G	All	STATUS6	0.817845625	0.96
hCV11496102	SLC2A8	hCG28276	V0002	4.57E-02	0.80	0.64: 1.00	0.34	0.45	G	All	STATUS17	0.009078426	0.64
hCV11642651		hCG114819	S0012	1.15E-02	1.40	1.08: 1.83	0.82	0.81	T	Old	STATUS2	0.779856805	1.06
hCV11642651		hCG114819	V0002	1.15E-02	1.40	1.08: 1.83	0.83	0.71	T	Old	STATUS9	0.000746804	2.02
hCV11642651		hCG114819	S0012	1.83E-02	1.55	1.07: 2.26	0.82	0.80	T	Smoke+	STATUS3	0.602601977	1.18
hCV11642651		hCG114819	V0002	1.83E-02	1.55	1.07: 2.26	0.81	0.66	T	Smoke+	STATUS10	0.005964302	2.25
hCV11642651	CYP1B1	hCG14819	S0012	3.32E-02	0.63	0.41: 0.96	0.77	0.87	T	Smoke-	STATUS6	0.041645533	0.53
hCV11642651	CYP1B1	hCG14819	V0002	3.32E-02	0.63	0.41: 0.96	0.78	0.83	T	Smoke-	STATUS17	0.341099551	0.75
hCV11955739		hCG11955739	S0012	2.03E-02	0.52	0.29: 0.92	0.86	0.96	G	Smoke-	STATUS3	0.003887458	0.24
hCV11955739		hCG11955739	V0002	2.03E-02	0.52	0.29: 0.92	0.84	0.87	G	Smoke-	STATUS10	0.727716012	0.80
hCV11987172		hCG11987172	S0012	3.60E-03	0.21	0.06: 0.68	0.99	1.00	G	All	STATUS2	0.012907472	0.10
hCV11987172		hCG11987172	V0002	3.60E-03	0.21	0.06: 0.68	0.99	1.00	G	All	STATUS9	0.131774482	0.33
hCV1254065	SERPINE1	hCG17353	S0012	2.03E-03	1.42	1.14: 1.77	0.30	0.23	G	Smoke-	STATUS1	0.058668636	1.42
hCV1254065	SERPINE1	hCG2031699	V0002	2.03E-03	1.42	1.14: 1.77	0.35	0.28	T	Smoke-	STATUS8	0.015160254	1.42
hCV1254065		hCG2031699	S0012	2.26E-02	1.27	1.03: 1.56	0.30	0.27	T	Female	STATUS1	0.45950291	1.14
hCV1254065		hCG2031699	V0002	2.26E-02	1.27	1.03: 1.56	0.34	0.27	T	Female	STATUS8	0.023117421	1.36
hCV1254065		hCG2031699	S0012	4.14E-02	1.30	1.01: 1.67	0.32	0.27	T	All	STATUS3	0.234484604	1.25
hCV1254065		hCG2031699	V0002	4.14E-02	1.30	1.01: 1.67	0.37	0.30	T	All	STATUS10	0.115603193	1.37
hCV1254065		hCG2031699	S0012	1.17E-02	1.27	1.05: 1.52	0.33	0.29	T	All	STATUS5	0.3215631	1.16
hCV1254065		hCG2031699	V0002	1.17E-02	1.27	1.05: 1.52	0.36	0.30	T	All	STATUS12	0.015124264	1.36
hCV1390302	PCDHB12	hCG42513	S0012	3.97E-02	0.67	0.46: 0.98	0.14	0.18	T	Smoke+	STATUS6	0.30785544	0.75
hCV1390302	PCDHB12	hCG42513	V0002	3.97E-02	0.67	0.46: 0.98	0.15	0.24	T	Smoke+	STATUS17	0.089874676	0.57
hCV1432204	UGT1A1	hCG2039726	S0012	4.33E-02	0.84	0.71: 0.99	0.48	0.51	T	All	STATUS5	0.432330776	0.89
hCV1432204	UGT1A1	hCG2039726	V0002	4.33E-02	0.84	0.71: 0.99	0.47	0.53	T	All	STATUS12	0.06011091	0.80
hCV1567445	GHR	hCG1810833	S0012	1.85E-02	0.57	0.35: 0.92	0.77	0.88	G	Smoke-	STATUS3	0.036136593	0.47
hCV1567445	GHR	hCG1810833	V0002	1.85E-02	0.57	0.35: 0.92	0.80	0.86	G	Smoke-	STATUS10	0.322296223	0.69
hCV1567445	GHR	hCG1810833	S0012	4.11E-02	0.62	0.38: 0.99	0.82	0.90	G	Female	STATUS3	0.054201736	0.51
hCV1567445	GHR	hCG1810833	V0002	4.11E-02	0.62	0.38: 0.99	0.82	0.86	G	Female	STATUS10	0.42690005	0.74
hCV15850923		hCG1783364	S0012	1.64E-04	1.58	1.25: 2.01	0.33	0.25	A	All	STATUS6	0.015448647	1.50
hCV15850923		hCG1783364	V0002	1.64E-04	1.58	1.25: 2.01	0.33	0.22	A	All	STATUS17	0.005528305	1.70
hCV15860708	ATF6	hCG15860708	S0012	4.73E-02	1.95	1.01: 3.77	0.93	0.92	G	Smoke-	STATUS6	0.82513059	1.17
hCV15860708	ATF6	hCG15860708	V0002	4.73E-02	1.95	1.01: 3.77	0.96	0.87	G	Smoke-	STATUS17	0.015278543	3.45
hCV15959005		hCG15959005	S0012	1.77E-02	0.78	0.64: 0.96	0.83	0.83	T	Male	STATUS1	0.93258424	0.97

TABLE 7, page 8 of 18

CL001510

Marker	Gene Name	hCG	Sample Set	MH p-value	MH OR	MH OR 95CI	Case Freq.	Cntrl Freq.	Allele	Strata	Status	p-value	OR
hCV15959005	DHDH	hCG39406	V0002	1.77E-02	0.78	0.64: 0.96	0.80	0.85	T	Male	STATUS8	0.004267628	0.69
hCV2106502			S0012	4.36E-02	1.17	1.00: 1.36	0.48	0.46	G	Male	STATUS1	0.446640714	1.10
hCV2106502	ITM2C	hCG34338	V0002	4.36E-02	1.17	1.00: 1.36	0.47	0.43	G	Male	STATUS8	0.056743015	1.21
hCV2106502			S0012	1.41E-02	0.77	0.62: 0.95	0.46	0.57	G	Female	STATUS2	0.003931405	0.62
hCV2106502	ITM2C	hCG34338	V0002	1.41E-02	0.77	0.62: 0.95	0.46	0.47	G	Female	STATUS9	0.649075596	0.93
hCV2106502			S0012	3.40E-02	0.81	0.67: 0.98	0.45	0.57	G	Young	STATUS2	0.001555903	0.62
hCV2106502	ITM2C	hCG34338	V0002	3.40E-02	0.81	0.67: 0.98	0.48	0.49	G	Young	STATUS9	0.948391801	0.98
hCV2106502			S0012	1.83E-02	1.40	1.06: 1.85	0.50	0.43	G	ALL	STATUS4	0.234348767	1.34
hCV2106502	ITM2C	hCG34338	V0002	1.83E-02	1.40	1.06: 1.85	0.49	0.40	G	ALL	STATUS11	0.040661674	1.44
hCV2106502			S0012	3.81E-02	1.43	1.02: 2.01	0.50	0.42	G	Smoke-	STATUS6	0.234348767	1.35
hCV2106502	ITM2C	hCG34338	V0002	3.81E-02	1.43	1.02: 2.01	0.48	0.38	G	Smoke-	STATUS17	0.078599526	1.52
hCV2143977			S0012	3.72E-02	1.29	1.02: 1.64	0.24	0.23	G	Male	STATUS2	0.803441321	1.06
hCV2143977			V0002	3.72E-02	1.29	1.02: 1.64	0.24	0.16	G	Male	STATUS9	0.009431587	1.61
hCV2143977			S0012	2.90E-02	1.37	1.03: 1.82	0.25	0.21	G	ALL	STATUS3	0.26967088	1.25
hCV2143977			V0002	2.90E-02	1.37	1.03: 1.82	0.25	0.17	G	ALL	STATUS10	0.05999456	1.57
hCV2143977			S0012	1.51E-02	1.42	1.07: 1.88	0.24	0.23	G	Smoke+	STATUS5	0.757690197	1.06
hCV2193705			V0002	1.51E-02	1.42	1.07: 1.88	0.28	0.17	G	Smoke+	STATUS12	0.002877196	1.85
hCV2193705	LAMB1	hCG17112	S0012	1.88E-02	1.21	1.03: 1.41	0.41	0.37	T	Male	STATUS1	0.135349743	1.21
hCV2193705			V0002	1.88E-02	1.21	1.03: 1.41	0.39	0.35	T	Male	STATUS8	0.700049216	1.20
hCV2193705	LAMB1	hCG17112	S0012	2.83E-02	1.26	1.02: 1.55	0.40	0.37	T	Smoke-	STATUS1	0.804515686	1.06
hCV2193705			V0002	2.83E-02	1.26	1.02: 1.55	0.40	0.32	T	Smoke-	STATUS8	0.010727247	1.43
hCV2193705	LAMB1	hCG17112	S0012	4.93E-02	0.83	0.68: 1.00	0.39	0.43	T	Female	STATUS1	0.289779315	0.85
hCV2193705			V0002	4.93E-02	0.83	0.68: 1.00	0.36	0.41	T	Female	STATUS8	0.096695303	0.81
hCV22272691			S0012	3.70E-03	0.76	0.63: 0.92	0.88	0.91	G	ALL	STATUS1	0.102923352	0.77
hCV22272691	BLAME	hCG38209	V0002	3.70E-03	0.76	0.63: 0.92	0.86	0.89	G	ALL	STATUS8	0.016166202	0.76
hCV22275430			S0012	3.38E-02	1.29	1.02: 1.62	0.37	0.30	G	Old	STATUS2	0.058883868	1.35
hCV22275430			V0002	3.38E-02	1.29	1.02: 1.62	0.36	0.32	G	Old	STATUS9	0.358906363	1.20
hCV22275430			S0012	2.54E-02	1.54	1.05: 2.24	0.39	0.32	G	Smoke-	STATUS3	0.303520058	1.33
hCV22275430			V0002	2.54E-02	1.54	1.05: 2.24	0.36	0.24	G	Smoke-	STATUS10	0.031066361	1.82
hCV22275430			S0012	6.53E-04	0.68	0.54: 0.85	0.35	0.42	G	ALL	STATUS6	0.097723377	0.77
hCV22275430			V0002	6.53E-04	0.68	0.54: 0.85	0.31	0.44	G	ALL	STATUS17	0.001675691	0.58
hCV2227631	CACNA1F	hCG2039817	S0012	4.57E-02	1.84	1.00: 3.36	0.98	0.97	G	Smoke-	STATUS1	0.494861258	1.38
hCV2227631			V0002	4.57E-02	1.84	1.00: 3.36	0.98	0.96	G	Smoke-	STATUS8	0.076733643	2.25
hCV2227631	CACNA1F	hCG2039817	S0012	1.46E-02	1.92	1.12: 3.29	0.97	0.97	G	Male	STATUS2	0.82944982	1.24
hCV2227631			V0002	1.46E-02	1.92	1.12: 3.29	0.98	0.95	G	Male	STATUS9	0.007969324	2.77
hCV2227631	CACNA1F	hCG2039817	S0012	1.55E-02	1.90	1.12: 3.22	0.97	0.95	G	Old	STATUS2	0.246296651	1.66
hCV2227631			V0002	1.55E-02	1.90	1.12: 3.22	0.97	0.94	G	Old	STATUS9	0.026786362	2.28
hCV2227631			S0012	2.32E-03	2.40	1.32: 4.38	0.97	0.95	G	ALL	STATUS3	0.223368011	1.66
hCV2227631			V0002	2.32E-03	2.40	1.32: 4.38	0.99	0.94	G	ALL	STATUS10	0.001153553	4.35
hCV2227631			S0012	1.86E-02	2.12	1.12: 4.01	0.97	0.94	G	ALL	STATUS6	0.034576527	2.13
hCV2227631	CACNA1F	hCG2039817	V0002	1.86E-02	2.12	1.12: 4.01	0.99	0.98	G	ALL	STATUS17	0.237743998	2.10
hCV2227631			S0012	4.01E-02	1.36	1.01: 1.81	0.95	0.90	T	Male	STATUS1	0.016493909	1.85
hCV2310401	APOA5	hCG1642845	V0002	4.01E-02	1.36	1.01: 1.81	0.93	0.92	T	Male	STATUS8	0.573453652	1.12
hCV2310401			S0012	4.43E-03	1.73	1.18: 2.55	0.94	0.93	T	Old	STATUS2	0.454868792	1.28
hCV2310401	APOA5	hCG1642845	V0002	4.43E-03	1.73	1.18: 2.55	0.93	0.85	T	Old	STATUS9	0.002390665	2.31
hCV2332907			S0012	8.28E-03	0.76	0.62: 0.93	0.39	0.42	G	Smoke-	STATUS1	0.463104051	0.88
hCV2332907		hCG1645854	V0002	8.28E-03	0.76	0.62: 0.93	0.37	0.46	G	Smoke-	STATUS8	0.004571858	0.69
hCV2332907			S0012	2.66E-02	0.77	0.61: 0.97	0.39	0.42	G	ALL	STATUS3	0.527559675	0.90
hCV2332907			V0002	2.66E-02	0.77	0.61: 0.97	0.38	0.50	G	ALL	STATUS10	0.011516098	0.63

TABLE 7, page 9 of 18

CL001510

Marker	Gene Name	hCG	Sample Set	MH p-value	MH OR	MH OR 95CI	Case Freq.	Cntrl Freq.	Allele	Strata	Status	p-value	OR
hCV2332907			S0012	1.97E-02	0.71	0.53: 0.95	0.37	0.43	G	ALL	STATUS4	0.398113611	0.78
hCV2332907		hCG1645854	V0002	1.97E-02	0.71	0.53: 0.95	0.34	0.43	G	ALL	STATUS11	0.036691269	0.67
hCV2509975	DJ465N24.2.1	hCG1981326	S0012	2.32E-02	0.63	0.42: 0.94	0.66	0.72	T	Smoke-	STATUS3	0.422557235	0.77
hCV2509975	DJ465N24.2.1	hCG1981326	V0002	2.32E-02	0.63	0.42: 0.94	0.70	0.82	T	Smoke-	STATUS10	0.022219527	0.49
hCV2509975	DJ465N24.2.1	hCG1981326	S0012	1.07E-03	0.67	0.52: 0.85	0.71	0.77	T	ALL	STATUS6	0.055021527	0.72
hCV2509975	DJ465N24.2.1	hCG1981326	V0002	1.07E-03	0.67	0.52: 0.85	0.66	0.76	T	ALL	STATUS17	0.0063189	0.61
hCV25598556			S0012	3.54E-02	0.45	0.21: 0.97	0.03	0.05	G	Smoke-	STATUS3	0.501209039	0.55
hCV25598556			V0002	3.54E-02	0.45	0.21: 0.97	0.05	0.11	G	Smoke-	STATUS10	0.04409704	0.41
hCV25598556	NID2		S0012	2.25E-02	144.36	0.01:3.27E6	0.02	0.00	G	Female	STATUS4	0.415384615	96.14
hCV25598556		hCG20960	V0002	2.25E-02	144.36	0.01:3.27E6	0.05	0.00	G	Female	STATUS11	0.128998906	179.74
hCV25598556			S0012	3.84E-02	0.42	0.18: 0.97	0.00	0.02	G	Young	STATUS5	0.10142064	0.14
hCV25598556		hCG20960	V0002	3.84E-02	0.42	0.18: 0.97	0.02	0.04	G	Young	STATUS12	0.131200131	0.50
hCV25602572			S0012	3.85E-02	0.67	0.46: 0.98	0.98	0.98	T	ALL	STATUS1	0.874567767	0.95
hCV25602572			V0002	3.85E-02	0.67	0.46: 0.98	0.96	0.98	T	ALL	STATUS8	0.017171963	0.56
hCV25602572	DGAT1	hCG24006	S0012	1.52E-03	0.68	0.53: 0.86	0.28	0.35	T	ALL	STATUS3	0.063792696	0.73
hCV25612829	GP3ST	hCG31746	V0002	1.52E-03	0.68	0.53: 0.86	0.30	0.41	T	ALL	STATUS10	0.009953562	0.62
hCV25612829	GP3ST	hCG31746	S0012	1.85E-02	1.38	1.06: 1.81	0.94	0.92	G	ALL	STATUS2	0.08265362	1.43
hCV25620927			V0002	1.85E-02	1.38	1.06: 1.81	0.94	0.92	G	ALL	STATUS9	0.157003588	1.34
hCV25620927	PTPRZ1	hCG33411	S0012	1.39E-03	1.92	1.28: 2.90	0.94	0.91	G	ALL	STATUS3	0.101933358	1.66
hCV25620927			V0002	1.39E-03	1.92	1.28: 2.90	0.94	0.91	G	ALL	STATUS10	0.005259165	2.26
hCV25624243			S0012	4.83E-02	0.75	0.57: 1.00	0.91	0.92	T	ALL	STATUS2	0.452220334	0.86
hCV25624243	NESG1	hCG39740	V0002	4.83E-02	0.75	0.57: 1.00	0.92	0.95	T	ALL	STATUS9	0.046762192	0.63
hCV25624243			S0012	2.55E-02	0.62	0.41: 0.95	0.92	0.94	T	ALL	STATUS6	0.264760677	0.74
hCV25624243	NESG1	hCG39740	V0002	2.55E-02	0.62	0.41: 0.95	0.91	0.95	T	ALL	STATUS17	0.037250862	0.49
hCV25624511			S0012	4.22E-02	1.34	1.01: 1.77	0.82	0.81	G	Smoke-	STATUS2	1	1.02
hCV25624511	FLJ32884	hCG39830	V0002	4.22E-02	1.34	1.01: 1.77	0.87	0.79	G	Smoke-	STATUS9	0.004819492	1.76
hCV25631989			S0012	3.26E-02	0.69	0.49: 0.97	0.09	0.10	G	Female	STATUS1	0.44529772	0.83
hCV25631989	ATF6	hCG15848	V0002	3.26E-02	0.69	0.49: 0.97	0.06	0.06	T	Female	STATUS8	0.032242394	0.59
hCV25927874	LOC93349	hCG1777418	S0012	3.78E-02	0.86	0.74: 0.99	0.71	0.74	T	ALL	STATUS1	0.107264736	0.84
hCV25927874	LOC93349	hCG1777418	V0002	3.78E-02	0.86	0.74: 0.99	0.82	0.84	T	ALL	STATUS8	0.187350511	0.87
hCV25933139	LRP11	hCG2030035	S0012	3.47E-02	1.16	1.01: 1.32	0.77	0.72	T	ALL	STATUS1	0.022836905	1.30
hCV25933139	LRP11	hCG2030035	V0002	3.47E-02	1.16	1.01: 1.32	0.75	0.73	T	ALL	STATUS8	0.406788313	1.08
hCV2786283			S0012	3.67E-02	1.21	1.01: 1.44	0.64	0.60	T	ALL	STATUS5	0.253281882	1.17
hCV2786283	SERPINA11	hCG1641222	V0002	3.67E-02	1.21	1.01: 1.44	0.66	0.61	T	ALL	STATUS12	0.086318662	1.24
hCV2786283			S0012	3.69E-04	1.50	1.20: 1.87	0.63	0.57	T	ALL	STATUS6	0.086488776	1.31
hCV2786283	SERPINA11	hCG1641222	V0002	3.69E-04	1.50	1.20: 1.87	0.72	0.59	T	ALL	STATUS17	0.000768772	1.81
hCV3083938	XYLB	hCG42423	S0012	4.61E-02	0.86	0.75: 1.00	0.49	0.50	G	ALL	STATUS2	0.601169935	0.95
hCV3083938	XYLB	hCG42423	V0002	4.61E-02	0.86	0.75: 1.00	0.51	0.57	G	ALL	STATUS9	0.024374825	0.79
hCV4041			S0012	2.90E-03	0.28	0.11: 0.69	0.01	0.03	T	Female	STATUS3	0.42413891	0.46
hCV4041			V0002	2.90E-03	0.28	0.11: 0.69	0.02	0.09	T	Female	STATUS10	0.008356084	0.21
hCV500906			S0012	2.15E-03	0.77	0.65: 0.91	0.47	0.57	G	Young	STATUS1	0.004929636	0.67
hCV500906			V0002	2.15E-03	0.77	0.65: 0.91	0.51	0.55	G	Young	STATUS8	0.0953737	0.84
hCV500906			S0012	4.55E-02	1.19	1.00: 1.41	0.51	0.48	G	Old	STATUS1	0.28190397	1.16
hCV500906			V0002	4.55E-02	1.19	1.00: 1.41	0.53	0.48	G	Old	STATUS8	0.094210912	1.21
hCV500906			S0012	8.19E-04	0.69	0.56: 0.86	0.47	0.55	G	ALL	STATUS6	0.033940543	0.73
hCV500906			V0002	8.19E-04	0.69	0.56: 0.86	0.47	0.57	G	ALL	STATUS17	0.013369869	0.65
hCV63704			S0012	2.26E-02	2.06	1.08: 3.91	0.27	0.08	G	Female	STATUS4	0.003374969	4.45
hCV63704	CDH13	hCG38474	V0002	2.26E-02	2.06	1.08: 3.91	0.16	0.14	G	Female	STATUS11	0.833250631	1.18
hCV7440082	APG4B	hCG1640757	S0012	1.49E-02	1.51	1.08: 2.10	0.63	0.52	G	Male	STATUS3	0.049125223	1.54

TABLE 7, page 10 of 18

CL001510

Marker	Gene Name	hCG	Sample Set	MH p-value	MH OR	MH OR 95CI	Case Freq.	Cntrl Freq.	Allele	Strata	Status	p-value	OR
hCV7440082	APG4B	hCG1640757	V0002	1.49E-02	1.51	1.08: 2.10	0.58	0.49	G	Male	STATUS10	0.139195961	1.46
hCV7479431			S0012	4.04E-02	1.98	1.02: 3.84	0.07	0.02	T	ALL	STATUS4	0.086871248	3.10
hCV7479431	IGSF9	hCG39736	V0002	4.04E-02	1.98	1.02: 3.84	0.06	0.04	T	ALL	STATUS11	0.311414549	1.63
hCV7479431			S0012	3.49E-02	1.52	1.03: 2.25	0.07	0.05	T	ALL	STATUS5	0.124774442	1.52
hCV7479431	IGSF9	hCG39736	V0002	3.49E-02	1.52	1.03: 2.25	0.05	0.04	T	ALL	STATUS12	0.160446473	1.52
hCV7479431			S0012	1.86E-02	1.77	1.09: 2.87	0.08	0.04	T	ALL	STATUS6	0.178123807	1.62
hCV7479431	IGSF9	hCG39736	V0002	1.86E-02	1.77	1.09: 2.87	0.06	0.04	T	ALL	STATUS17	0.059813724	1.94
hCV7481596			S0012	8.27E-03	0.79	0.66: 0.94	0.59	0.64	G	Smoke+	STATUS1	0.115422028	0.80
hCV7481596			V0002	8.27E-03	0.79	0.66: 0.94	0.60	0.66	C	Smoke+	STATUS8	0.039152713	0.78
hCV7481596			V0012	4.49E-02	0.84	0.71: 1.00	0.59	0.68	C	Young	STATUS1	0.008670895	0.68
hCV7481596			S0012	4.49E-02	0.84	0.71: 1.00	0.58	0.59	C	Young	STATUS8	0.628030985	0.95
hCV7481596			S0012	2.43E-02	0.72	0.54: 0.96	0.61	0.63	G	ALL	STATUS4	0.808034583	0.93
hCV7481596			V0002	2.43E-02	0.72	0.54: 0.96	0.56	0.67	C	ALL	STATUS11	0.010468642	0.62
hCV7490119			S0012	4.34E-02	0.83	0.69: 0.99	0.31	0.34	G	Smoke+	STATUS1	0.409697314	0.88
hCV7490119	NPC1	hCG37187	V0002	4.34E-02	0.83	0.69: 0.99	0.29	0.34	G	Smoke+	STATUS8	0.062122597	0.80
hCV7490119			S0012	3.81E-02	0.80	0.65: 0.99	0.29	0.29	G	Young	STATUS2	0.865456006	0.97
hCV7490119	NPC1	hCG37187	V0002	3.81E-02	0.80	0.65: 0.99	0.29	0.37	G	Young	STATUS9	0.012122079	0.71
hCV7492697			S0012	1.56E-02	0.84	0.73: 0.97	0.50	0.54	G	ALL	STATUS2	0.209433765	0.87
hCV7492697	MMP20	hCG41475	V0002	1.56E-02	0.84	0.73: 0.97	0.50	0.55	G	ALL	STATUS9	0.036326593	0.81
hCV7550605			S0012	3.41E-03	2.05	1.26: 3.33	0.07	0.03	G	Female	STATUS1	0.010539044	2.78
hCV7550605	CXCL12	hCG25667	V0002	3.41E-03	2.05	1.26: 3.33	0.05	0.03	G	Female	STATUS8	0.131961339	1.66
hCV7550605			S0012	7.09E-03	2.44	1.25: 4.75	0.05	0.03	G	ALL	STATUS4	0.546758454	1.53
hCV7550605	CXCL12	hCG25667	V0002	7.09E-03	2.44	1.25: 4.75	0.09	0.03	G	ALL	STATUS11	0.009768352	2.99
hCV757951			S0012	3.38E-02	1.19	1.01: 1.40	0.76	0.74	G	ALL	STATUS2	0.429633287	1.10
hCV757951	DKFZp434N1415	hCG2001821	V0002	3.38E-02	1.19	1.01: 1.40	0.74	0.69	G	ALL	STATUS9	0.033435078	1.28
hCV757951			S0012	2.65E-02	1.33	1.03: 1.72	0.77	0.74	G	ALL	STATUS3	0.470908173	1.15
hCV757951			V0002	2.65E-02	1.33	1.03: 1.72	0.74	0.65	G	ALL	STATUS10	0.021743122	1.58
hCV809542			S0012	9.04E-04	0.80	0.71: 0.91	0.65	0.70	T	ALL	STATUS1	0.031095981	0.80
hCV809542		hCG1780502	V0002	9.04E-04	0.80	0.71: 0.91	0.69	0.73	T	ALL	STATUS8	0.0115176	0.81
hCV809542			S0012	2.84E-03	0.58	0.40: 0.83	0.63	0.80	T	Female	STATUS3	0.001250994	0.44
hCV809542			V0002	2.84E-03	0.58	0.40: 0.83	0.68	0.73	T	Female	STATUS10	0.358285377	0.78
hCV8358529			S0012	7.74E-03	0.46	0.26: 0.82	0.06	0.10	G	ALL	STATUS4	0.212433561	0.54
hCV8358529	MAST205	hCG2032281	V0002	7.74E-03	0.46	0.26: 0.82	0.04	0.09	G	ALL	STATUS11	0.016137815	0.42
hCV8358529			S0012	4.54E-02	0.46	0.21: 0.99	0.08	0.09	G	Male	STATUS4	0.787189271	0.81
hCV8358529	MAST205	hCG2032281	V0002	4.54E-02	0.46	0.21: 0.99	0.03	0.09	G	Male	STATUS11	0.030094825	0.29
hCV8701512			S0012	4.75E-02	0.86	0.74: 1.00	0.32	0.34	G	ALL	STATUS2	0.503200885	0.93
hCV8701512	AP4B1	hCG38636	V0002	4.75E-02	0.86	0.74: 1.00	0.33	0.38	G	ALL	STATUS9	0.035531351	0.80
hCV8701512			S0012	2.90E-03	0.60	0.43: 0.84	0.31	0.43	G	Female	STATUS3	0.043583538	0.61
hCV8701512			V0002	2.90E-03	0.60	0.43: 0.84	0.29	0.40	G	Female	STATUS10	0.029703192	0.59
hCV8726802	F2	hCG19607	S0012	3.88E-02	0.20	0.04: 1.10	0.98	1.00	G	Old	STATUS2	0.042833727	0.17
hCV8726802	F2	hCG19607	V0002	3.88E-02	0.20	0.04: 1.10	0.99	1.00	G	Old	STATUS9	0.604137382	0.34
hCV8726802	F2	hCG19607	S0012	1.04E-02	0.15	0.03: 0.81	0.98	1.00	G	ALL	STATUS3	0.048853078	0.14
hCV8726802	F2	hCG19607	V0002	1.04E-02	0.15	0.03: 0.81	0.98	1.00	G	ALL	STATUS10	0.145927869	0.15
hCV8726802	F2	hCG19607	S0012	3.99E-02	0.12	0.01: 1.41	0.97	1.00	G	Female	STATUS3	0.063017922	0.08
hCV8726802	F2	hCG19607	V0002	3.99E-02	0.12	0.01: 1.41	0.99	1.00	G	Female	STATUS10	1	0.23
hCV8905006	PGM1	hCG23448	S0012	4.16E-02	0.79	0.64: 0.99	0.13	0.15	G	Male	STATUS1	0.585724642	0.89
hCV8905006			V0002	4.16E-02	0.79	0.64: 0.99	0.11	0.15	G	Male	STATUS8	0.042277057	0.74
hCV8905006			S0012	3.32E-02	0.69	0.49: 0.97	0.12	0.18	G	Young	STATUS5	0.133792909	0.61
hCV8905006	PGM1	hCG23448	V0002	3.32E-02	0.69	0.49: 0.97	0.13	0.16	G	Young	STATUS12	0.161281893	0.74

Marker	Gene Name	hCG	Sample Set	MH p-value	MH OR	MH OR 95CI	Case Freq.	Ctrl Freq.	Allele	Strata	Status	p-value	OR
hCV8909292			S0012	2.79E-03	0.73	0.60: 0.90	0.89	0.93	T	ALL	STATUS1	0.0103534	0.64
hCV8909292		hCG1744287	V0002	2.79E-03	0.73	0.60: 0.90	0.89	0.91	T	ALL	STATUS8	0.094897269	0.80
hCV8909292			S0012	4.46E-02	0.63	0.40: 0.99	0.91	0.93	T	ALL	STATUS3	0.399216885	0.78
hCV8909292			V0002	4.46E-02	0.63	0.40: 0.99	0.90	0.95	T	ALL	STATUS10	0.066095271	0.47
hCV8966367			S0012	9.28E-03	0.79	0.67: 0.94	0.86	0.88	G	ALL	STATUS1	0.218566751	0.83
hCV8966367	IRAK1	hCG39214	V0002	9.28E-03	0.79	0.67: 0.94	0.84	0.88	G	ALL	STATUS8	0.021352999	0.77
hCV8966367			S0012	3.36E-02	0.57	0.33: 0.98	0.84	0.96	G	Smoke-	STATUS3	0.001891159	0.24
hCV8966367			V0002	3.36E-02	0.57	0.33: 0.98	0.83	0.84	G	Smoke-	STATUS10	1	0.95
hCV8966367	IRAK1	hCG39214	S0012	8.96E-03	0.51	0.31: 0.85	0.79	0.85	G	Male	STATUS4	0.532010745	0.69
hCV8966367			V0002	8.96E-03	0.51	0.31: 0.85	0.82	0.91	G	Male	STATUS11	0.010925872	0.42
hCV937539			S0012	2.27E-02	2.83	1.13: 7.09	0.02	0.01	C	Smoke-	STATUS5	0.698785953	1.30
hCV937539		hCG22893	V0002	2.27E-02	2.83	1.13: 7.09	0.05	0.01	C	Smoke-	STATUS12	0.019449082	4.10
hCV9632123	YAP	hCG1996340	S0012	4.12E-02	1.54	1.01: 2.32	0.04	0.02	C	Young	STATUS1	0.415869036	1.61
hCV9632123	YAP	hCG1996340	V0002	4.12E-02	1.54	1.01: 2.32	0.06	0.04	G	Young	STATUS8	0.092030678	1.51
hCV25744889		hCG1781264	S0012	1.36E-02	1.31	1.06: 1.62	0.08	0.08	A	All	STATUS1	0.66017	1.07
hCV25744889		hCG1781264	V0002	1.36E-02	1.31	1.06: 1.62	0.10	0.07	A	All	STATUS8	0.00577	1.47
hCV11467380	FLJ31384	hCG26677	S0012	4.19E-03	2.23	1.27: 3.90	0.96	0.94	T	ALL	STATUS6	0.161172165	1.66
hCV11467380	FLJ31384	hCG26677	V0002	4.19E-03	2.23	1.27: 3.90	0.98	0.94	T	ALL	STATUS17	0.004639139	3.58
hCV11496102	SLC2A8	hCG28276	S0012	4.57E-02	0.80	0.64: 1.00	0.34	0.35	G	ALL	STATUS6	0.817845625	0.96
hCV11496102	SLC2A8	hCG28276	V0002	4.57E-02	0.80	0.64: 1.00	0.34	0.45	G	ALL	STATUS17	0.009078426	0.64
hCV11642651			S0012	1.15E-02	1.40	1.08: 1.83	0.82	0.81	T	Old	STATUS2	0.779856805	1.06
hCV11642651	CYP1B1	hCG14819	V0002	1.15E-02	1.40	1.08: 1.83	0.83	0.71	T	Old	STATUS9	0.000746804	2.02
hCV11642651			S0012	1.83E-02	1.55	1.07: 2.26	0.82	0.80	T	Smoke+	STATUS3	0.602601977	1.18
hCV11642651			V0002	1.83E-02	1.55	1.07: 2.26	0.81	0.66	T	Smoke+	STATUS10	0.005964302	2.25
hCV11642651			S0012	3.32E-02	0.63	0.41: 0.96	0.77	0.87	T	Smoke-	STATUS6	0.041645533	0.53
hCV11642651		hCG14819	V0002	3.32E-02	0.63	0.41: 0.96	0.78	0.83	T	Smoke-	STATUS17	0.341099551	0.75
hCV11955739			S0012	2.03E-02	0.52	0.29: 0.92	0.86	0.96	G	Smoke-	STATUS3	0.003887458	0.24
hCV11955739			V0002	2.03E-02	0.52	0.29: 0.92	0.84	0.87	G	Smoke-	STATUS10	0.727716012	0.80
hCV1254065		hCG2031699	S0012	2.03E-03	1.42	1.14: 1.77	0.30	0.23	T	Smoke-	STATUS1	0.058668636	1.42
hCV1254065		hCG2031699	V0002	2.03E-03	1.42	1.14: 1.77	0.35	0.28	?	Smoke-	STATUS8	0.015160254	1.42
hCV1254065		hCG2031699	S0012	2.26E-02	1.27	1.03: 1.56	0.30	0.27	?	Female	STATUS1	0.45950291	1.14
hCV1254065		hCG2031699	V0002	2.26E-02	1.27	1.03: 1.56	0.34	0.27	?	Female	STATUS8	0.02317421	1.36
hCV1254065		hCG2031699	S0012	4.14E-02	1.30	1.01: 1.67	0.32	0.27	T	ALL	STATUS3	0.234484604	1.25
hCV1254065		hCG2031699	V0002	4.14E-02	1.30	1.01: 1.67	0.37	0.30	?	ALL	STATUS10	0.115603193	1.37
hCV1254065		hCG2031699	S0012	1.17E-02	1.27	1.05: 1.52	0.33	0.29	T	ALL	STATUS5	0.3215631	1.16
hCV1254065		hCG2031699	V0002	1.17E-02	1.27	1.05: 1.52	0.36	0.30	?	ALL	STATUS12	0.015124264	1.36
hCV1390302			S0012	3.97E-02	0.67	0.46: 0.98	0.14	0.18	T	Smoke+	STATUS6	0.30785544	0.75
hCV1390302	PCDHB12	hCG42513	V0002	3.97E-02	0.67	0.46: 0.98	0.15	0.24	T	Smoke+	STATUS17	0.089874676	0.57
hCV1567445	GHR	hCG1810833	S0012	1.85E-02	0.57	0.35: 0.92	0.77	0.88	G	Smoke-	STATUS3	0.036136593	0.47
hCV1567445	GHR	hCG1810833	V0002	1.85E-02	0.57	0.35: 0.92	0.80	0.86	G	Smoke-	STATUS10	0.322296223	0.69
hCV1567445	GHR	hCG1810833	S0012	4.11E-02	0.62	0.38: 0.99	0.82	0.90	G	Female	STATUS3	0.054201736	0.51
hCV1567445	GHR	hCG1810833	V0002	4.11E-02	0.62	0.38: 0.99	0.82	0.86	G	Female	STATUS10	0.42690005	0.74
hCV15860708			S0012	4.73E-02	1.95	1.01: 3.77	0.93	0.92	G	Smoke-	STATUS6	0.82513059	1.17
hCV15860708	ATF6	hCG15848	V0002	4.73E-02	1.95	1.01: 3.77	0.96	0.87	G	Smoke-	STATUS17	0.015278543	3.45
hCV15959005			S0012	1.77E-02	0.78	0.64: 0.96	0.83	0.83	T	Male	STATUS1	0.93258424	0.97
hCV15959005	DHHD	hCG39406	V0002	1.77E-02	0.78	0.64: 0.96	0.80	0.85	T	Male	STATUS8	0.004267628	0.69
hCV2106502			S0012	4.36E-02	1.17	1.00: 1.36	0.48	0.46	G	Male	STATUS1	0.446640714	1.10
hCV2106502	ITM2C	hCG34338	V0002	4.36E-02	1.17	1.00: 1.36	0.47	0.43	G	Male	STATUS8	0.056743015	1.21
hCV2106502			S0012	1.41E-02	0.77	0.62: 0.95	0.46	0.57	G	Female	STATUS2	0.003931405	0.62

Marker	Gene Name	hCG	Sample Set	MH p-value	MH OR	MH OR 95CI	Case Freq.	Cntrl Freq.	Allele	Strata	Status	p-value	OR
hCV2106502	ITM2C	hCG34338	V0002	1.41E-02	0.77	0.62: 0.95	0.46	0.47	G	Female	STATUS9	0.649075596	0.93
hCV2106502			S0012	3.40E-02	0.81	0.67: 0.98	0.45	0.57	G	Young	STATUS9	0.001555903	0.62
hCV2106502	ITM2C	hCG34338	V0002	3.40E-02	0.81	0.67: 0.98	0.48	0.49	G	Young	STATUS9	0.948391801	0.98
hCV2106502			S0012	1.83E-02	1.40	1.06: 1.85	0.50	0.43	G	ALL	STATUS4	0.234348767	1.34
hCV2106502	ITM2C	hCG34338	V0002	1.83E-02	1.40	1.06: 1.85	0.49	0.40	G	ALL	STATUS11	0.040661674	1.44
hCV2106502			S0012	3.81E-02	1.43	1.02: 2.01	0.50	0.42	G	Smoke-	STATUS6	0.234348767	1.35
hCV2106502	ITM2C	hCG34338	V0002	3.81E-02	1.43	1.02: 2.01	0.48	0.38	G	Smoke-	STATUS17	0.078599526	1.52
hCV2143977			S0012	3.72E-02	1.29	1.02: 1.64	0.24	0.23	G	Male	STATUS2	0.803441321	1.06
hCV2143977			V0002	3.72E-02	1.29	1.02: 1.64	0.24	0.16	G	Male	STATUS9	0.009431587	1.61
hCV2143977			S0012	2.90E-02	1.37	1.03: 1.82	0.25	0.21	G	ALL	STATUS3	0.26967088	1.25
hCV2143977			V0002	2.90E-02	1.37	1.03: 1.82	0.25	0.17	G	ALL	STATUS10	0.05999456	1.57
hCV2143977			S0012	1.51E-02	1.42	1.07: 1.88	0.24	0.23	G	Smoke+	STATUS5	0.757690197	1.06
hCV2143977			V0002	1.51E-02	1.42	1.07: 1.88	0.28	0.17	G	Smoke+	STATUS12	0.002877196	1.85
hCV2193705			S0012	1.88E-02	1.21	1.03: 1.41	0.41	0.37	T	Male	STATUS1	0.135349743	1.21
hCV2193705	LAMB1	hCG17112	V0002	1.88E-02	1.21	1.03: 1.41	0.39	0.35	T	Male	STATUS8	0.070049216	1.20
hCV2193705			S0012	2.83E-02	1.26	1.02: 1.55	0.38	0.37	T	Male	STATUS1	0.804515686	1.06
hCV2193705	LAMB1	hCG17112	V0002	2.83E-02	1.26	1.02: 1.55	0.40	0.32	T	Smoke-	STATUS8	0.010727247	1.43
hCV2193705			S0012	4.93E-02	0.83	0.68: 1.00	0.39	0.43	T	Smoke-	STATUS1	0.289779315	0.85
hCV2193705	LAMB1	hCG17112	V0002	4.93E-02	0.83	0.68: 1.00	0.36	0.41	T	Female	STATUS8	0.096695303	0.81
hCV22275430			S0012	3.38E-02	1.29	1.02: 1.62	0.37	0.30	G	Old	STATUS2	0.058883868	1.35
hCV22275430			V0002	3.38E-02	1.29	1.02: 1.62	0.36	0.32	G	Old	STATUS9	0.358906363	1.20
hCV22275430			S0012	2.54E-02	1.54	1.05: 2.24	0.39	0.32	G	Smoke-	STATUS3	0.303520058	1.33
hCV22275430			V0002	2.54E-02	1.54	1.05: 2.24	0.36	0.24	G	Smoke-	STATUS10	0.031066361	1.82
hCV22275430			S0012	6.53E-04	0.68	0.54: 0.85	0.35	0.42	G	ALL	STATUS6	0.097723377	0.77
hCV22275430			V0002	6.53E-04	0.68	0.54: 0.85	0.31	0.44	G	ALL	STATUS17	0.001675691	0.58
hCV2227631	CACNA1F	hCG2039817	S0012	4.57E-02	1.84	1.00: 3.36	0.98	0.97	G	Smoke-	STATUS1	0.494861258	1.38
hCV2227631			V0002	4.57E-02	1.84	1.00: 3.36	0.98	0.96	G	Smoke-	STATUS8	0.076733643	2.25
hCV2227631	CACNA1F	hCG2039817	S0012	1.46E-02	1.92	1.12: 3.29	0.97	0.97	G	Male	STATUS2	0.82944982	1.24
hCV2227631			V0002	1.46E-02	1.92	1.12: 3.29	0.98	0.95	G	Male	STATUS9	0.007969324	2.77
hCV2227631	CACNA1F	hCG2039817	S0012	1.55E-02	1.90	1.12: 3.22	0.97	0.95	G	Old	STATUS2	0.246296651	1.66
hCV2227631			V0002	1.55E-02	1.90	1.12: 3.22	0.97	0.94	G	Old	STATUS9	0.026786362	2.28
hCV2227631	CACNA1F	hCG2039817	S0012	2.32E-03	2.40	1.32: 4.38	0.97	0.95	G	ALL	STATUS3	0.223368011	1.66
hCV2227631			V0002	2.32E-03	2.40	1.32: 4.38	0.99	0.94	G	ALL	STATUS10	0.001153553	4.35
hCV2227631			S0012	1.86E-02	2.12	1.12: 4.01	0.97	0.94	G	ALL	STATUS6	0.034576527	2.13
hCV2227631	CACNA1F	hCG2039817	V0002	1.86E-02	2.12	1.12: 4.01	0.99	0.98	G	ALL	STATUS17	0.237743978	2.10
hCV2310401	APOA5	hCG1642845	S0012	4.01E-02	1.36	1.01: 1.81	0.95	0.90	T	Male	STATUS1	0.016493909	1.85
hCV2310401	APOA5	hCG1642845	V0002	4.01E-02	1.36	1.01: 1.81	0.93	0.92	T	Male	STATUS8	0.573453652	1.12
hCV2310401	APOA5	hCG1642845	S0012	4.43E-03	1.73	1.18: 2.55	0.94	0.93	T	Old	STATUS2	0.454868792	1.28
hCV2310401	APOA5	hCG1642845	V0002	4.43E-03	1.73	1.18: 2.55	0.93	0.85	T	Old	STATUS9	0.002390665	2.31
hCV2332907			S0012	8.28E-03	0.76	0.62: 0.93	0.39	0.42	G	Smoke-	STATUS1	0.463104051	0.88
hCV2332907			V0002	8.28E-03	0.76	0.62: 0.93	0.37	0.46	G	Smoke-	STATUS8	0.004571858	0.69
hCV2332907		hCG1645854	S0012	2.66E-02	0.77	0.61: 0.97	0.39	0.42	G	ALL	STATUS3	0.527559675	0.90
hCV2332907			V0002	2.66E-02	0.77	0.61: 0.97	0.38	0.50	G	ALL	STATUS10	0.011516098	0.63
hCV2332907			S0012	1.97E-02	0.71	0.53: 0.95	0.37	0.43	G	ALL	STATUS4	0.398113611	0.78
hCV2332907		hCG1645854	V0002	1.97E-02	0.71	0.53: 0.95	0.34	0.43	G	ALL	STATUS11	0.036691269	0.67
hCV2509975	DJ465N24.2.1	hCG1981326	S0012	2.32E-02	0.63	0.42: 0.94	0.66	0.72	T	Smoke-	STATUS3	0.422557235	0.77
hCV2509975	DJ465N24.2.1	hCG1981326	V0002	2.32E-02	0.63	0.42: 0.94	0.70	0.82	T	Smoke-	STATUS10	0.022219527	0.49
hCV2509975	DJ465N24.2.1	hCG1981326	S0012	1.07E-03	0.67	0.52: 0.85	0.71	0.77	T	ALL	STATUS6	0.055021527	0.72
hCV2509975	DJ465N24.2.1	hCG1981326	V0002	1.07E-03	0.67	0.52: 0.85	0.66	0.76	T	ALL	STATUS17	0.0063189	0.61

Marker	Gene Name	hCG	Sample Set	MH p-value	MH OR	MH OR 95CI	Case Freq.	Cntrl Freq.	Allele	Strata	Status	p-value	OR
hCV25598556			S0012	3.54E-02	0.45	0.21: 0.97	0.03	0.05	G	Smoke-	STATUS3	0.501209039	0.55
hCV25598556			V0002	3.54E-02	0.45	0.21: 0.97	0.05	0.11	G	Smoke-	STATUS10	0.04409704	0.41
hCV25598556			S0012	2.25E-02	144.36	0.01:3.27E6	0.02	0.00	G	Female	STATUS4	0.415384615	96.14
hCV25598556	NID2	hCG20960	V0002	2.25E-02	144.36	0.01:3.27E6	0.05	0.00	G	Female	STATUS11	0.128998906	179.74
hCV25598556			S0012	3.84E-02	0.42	0.18: 0.97	0.00	0.02	G	Young	STATUS5	0.10142064	0.14
hCV25598556	NID2	hCG20960	V0002	3.84E-02	0.42	0.18: 0.97	0.02	0.04	G	Young	STATUS12	0.131200131	0.50
hCV25602572			S0012	3.85E-02	0.67	0.46: 0.98	0.98	0.98	T	ALL	STATUS1	0.874567767	0.95
hCV25602572	DGAT1	hCG24006	V0002	3.85E-02	0.67	0.46: 0.98	0.96	0.98	T	ALL	STATUS8	0.017171963	0.56
hCV25612829	GP3ST	hCG31746	S0012	1.52E-03	0.68	0.53: 0.86	0.28	0.35	T	ALL	STATUS3	0.063792696	0.73
hCV25612829	GP3ST	hCG31746	V0002	1.52E-03	0.68	0.53: 0.86	0.30	0.41	T	ALL	STATUS10	0.009953562	0.62
hCV25620927			S0012	1.85E-02	1.38	1.06: 1.81	0.94	0.92	G	ALL	STATUS2	0.08265362	1.43
hCV25620927	PTPRZ1	hCG33411	V0002	1.85E-02	1.38	1.06: 1.81	0.94	0.92	G	ALL	STATUS9	0.157003588	1.34
hCV25620927			S0012	1.39E-03	1.92	1.28: 2.90	0.94	0.91	G	ALL	STATUS3	0.10193358	1.66
hCV25620927			V0002	1.39E-03	1.92	1.28: 2.90	0.94	0.87	G	ALL	STATUS10	0.005259165	2.26
hCV25624243			S0012	4.83E-02	0.75	0.57: 1.00	0.91	0.92	T	ALL	STATUS2	0.452220334	0.86
hCV25624243	NESG1	hCG39740	V0002	4.83E-02	0.75	0.57: 1.00	0.92	0.95	T	ALL	STATUS9	0.046762192	0.63
hCV25624243			S0012	2.55E-02	0.62	0.41: 0.95	0.92	0.94	T	ALL	STATUS6	0.264760677	0.74
hCV25624243	NESG1	hCG39740	V0002	2.55E-02	0.62	0.41: 0.95	0.91	0.95	T	ALL	STATUS17	0.037250862	0.49
hCV25624511			S0012	4.22E-02	1.34	1.01: 1.77	0.82	0.81	G	Smoke-	STATUS2	1	1.02
hCV25624511	FLJ32884	hCG39830	V0002	4.22E-02	1.34	1.01: 1.77	0.87	0.79	G	Smoke-	STATUS9	0.004819492	1.76
hCV25631989			S0012	3.26E-02	0.69	0.49: 0.97	0.09	0.10	T	Female	STATUS1	0.44529772	0.83
hCV25631989	ATF6	hCG15848	V0002	3.26E-02	0.69	0.49: 0.97	0.06	0.09	T	Female	STATUS8	0.032242394	0.59
hCV25927874	LOC93349	hCG1777418	S0012	3.78E-02	0.86	0.74: 0.99	0.71	0.74	T	ALL	STATUS1	0.107264736	0.84
hCV25927874	LOC93349	hCG1777418	V0002	3.78E-02	0.86	0.74: 0.99	0.82	0.84	T	ALL	STATUS8	0.187350511	0.87
hCV2786283			S0012	3.67E-02	1.21	1.01: 1.44	0.64	0.60	T	ALL	STATUS5	0.253281882	1.17
hCV2786283	SERPINA11	hCG1641222	V0002	3.67E-02	1.21	1.01: 1.44	0.66	0.61	T	ALL	STATUS12	0.086318662	1.24
hCV2786283			S0012	3.69E-04	1.50	1.20: 1.87	0.63	0.57	T	ALL	STATUS6	0.086488776	1.31
hCV2786283	SERPINA11	hCG1641222	V0002	3.69E-04	1.50	1.20: 1.87	0.72	0.59	T	ALL	STATUS17	0.000768772	1.81
hCV3083938	XYLB	hCG42423	S0012	4.61E-02	0.86	0.75: 1.00	0.49	0.50	G	ALL	STATUS2	0.601169935	0.95
hCV3083938	XYLB	hCG42423	V0002	4.61E-02	0.86	0.75: 1.00	0.51	0.57	G	ALL	STATUS9	0.024374825	0.79
hCV4041			S0012	2.90E-03	0.28	0.11: 0.69	0.01	0.03	T	Female	STATUS3	0.42413891	0.46
hCV4041			V0002	2.90E-03	0.28	0.11: 0.69	0.02	0.09	T	Female	STATUS10	0.008356084	0.21
hCV63704			S0012	2.26E-02	2.06	1.08: 3.91	0.27	0.08	G	Female	STATUS4	0.003374969	4.45
hCV63704	CDH13	hCG38474	V0002	2.26E-02	2.06	1.08: 3.91	0.16	0.14	G	Female	STATUS11	0.833250631	1.18
hCV7479431			S0012	4.04E-02	1.98	1.02: 3.84	0.07	0.02	T	ALL	STATUS4	0.086871248	3.10
hCV7479431	IGSF9	hCG39736	V0002	4.04E-02	1.98	1.02: 3.84	0.06	0.04	T	ALL	STATUS11	0.311414549	1.63
hCV7479431			S0012	3.49E-02	1.52	1.03: 2.25	0.07	0.05	T	ALL	STATUS5	0.124774442	1.52
hCV7479431	IGSF9	hCG39736	V0002	3.49E-02	1.52	1.03: 2.25	0.05	0.04	T	ALL	STATUS12	0.160446473	1.52
hCV7479431			S0012	1.86E-02	1.77	1.09: 2.87	0.06	0.04	T	ALL	STATUS6	0.178123807	1.62
hCV7479431	IGSF9	hCG39736	V0002	1.86E-02	1.77	1.09: 2.87	0.08	0.04	T	ALL	STATUS17	0.059813724	1.94
hCV7481596			S0012	8.27E-03	0.79	0.66: 0.94	0.59	0.64	G	Smoke+	STATUS1	0.115422028	0.80
hCV7481596	ATF6	hCG39950	V0002	8.27E-03	0.79	0.66: 0.94	0.60	0.66	C	Smoke+	STATUS8	0.039152713	0.78
hCV7481596			S0012	4.49E-02	0.84	0.71: 1.00	0.59	0.68	G	Young	STATUS1	0.008670895	0.68
hCV7481596	IGSF9	hCG39950	V0002	4.49E-02	0.84	0.71: 1.00	0.58	0.59	C	Young	STATUS8	0.628030985	0.95
hCV7481596			S0012	2.43E-02	0.72	0.54: 0.96	0.61	0.63	G	ALL	STATUS4	0.808034583	0.93
hCV7481596			V0002	2.43E-02	0.72	0.54: 0.96	0.56	0.67	C	ALL	STATUS11	0.010468642	0.62
hCV7490119			S0012	4.34E-02	0.83	0.69: 0.99	0.31	0.34	G	Smoke+	STATUS1	0.409697314	0.88
hCV7490119	NPC1	hCG37187	V0002	4.34E-02	0.83	0.69: 0.99	0.29	0.34	G	Smoke+	STATUS8	0.062122597	0.80
hCV7490119			S0012	3.81E-02	0.80	0.65: 0.99	0.29	0.29	G	Young	STATUS2	0.865456006	0.97

TABLE 7, page 14 of 18

CL001510

Marker	Gene Name	hCG	Sample Set	MH p-value	MH OR	MH OR 95CI	Case Freq.	Cntrl Freq.	Allele	Strata	Status	p-value	OR
hCV7490119	NPC1	hCG37187	V0002	3.81E-02	0.80	0.65: 0.99	0.29	0.37	G	Young	STATUS9	0.012122079	0.71
hCV7567951			S0012	3.38E-02	1.19	1.01: 1.40	0.76	0.74	G	ALL	STATUS2	0.429633287	1.10
hCV7567951	DKFZp434N1415	hCG2001821	V0002	3.38E-02	1.19	1.01: 1.40	0.74	0.69	G	ALL	STATUS9	0.033435078	1.28
hCV7567951			S0012	2.65E-02	1.33	1.03: 1.72	0.77	0.74	G	ALL	STATUS3	0.470908173	1.15
hCV7567951			V0002	2.65E-02	1.33	1.03: 1.72	0.74	0.65	G	ALL	STATUS10	0.021743122	1.58
hCV8358529			S0012	7.74E-03	0.46	0.26: 0.82	0.06	0.10	G	ALL	STATUS4	0.212433561	0.54
hCV8358529	MAST205	hCG2032281	V0002	7.74E-03	0.46	0.26: 0.82	0.04	0.09	G	ALL	STATUS11	0.016137815	0.42
hCV8358529			S0012	4.54E-02	0.46	0.21: 0.99	0.08	0.09	G	Male	STATUS4	0.787189271	0.81
hCV8358529	MAST205	hCG2032281	V0002	4.54E-02	0.46	0.21: 0.99	0.03	0.09	G	Male	STATUS11	0.030094825	0.29
hCV8726802	F2	hCG19607	S0012	3.88E-02	0.20	0.04: 1.10	0.98	1.00	G	Old	STATUS2	0.042833727	0.17
hCV8726802	F2	hCG19607	V0002	3.88E-02	0.20	0.04: 1.10	0.99	1.00	G	Old	STATUS9	0.604137382	0.34
hCV8726802	F2	hCG19607	S0012	1.04E-02	0.15	0.03: 0.81	0.98	1.00	G	ALL	STATUS3	0.048853078	0.14
hCV8726802	F2	hCG19607	V0002	1.04E-02	0.15	0.03: 0.81	0.98	1.00	G	ALL	STATUS10	0.145927869	0.15
hCV8726802	F2	hCG19607	S0012	3.99E-02	0.12	0.01: 1.41	0.97	1.00	G	Female	STATUS3	0.063017922	0.08
hCV8726802	F2	hCG19607	V0002	3.99E-02	0.12	0.01: 1.41	0.99	1.00	G	Female	STATUS10	1	0.23
hCV8905006	PGM1	hCG23448	S0012	4.16E-02	0.79	0.64: 0.99	0.11	0.15	G	Male	STATUS1	0.585724642	0.89
hCV8905006			V0002	4.16E-02	0.79	0.64: 0.99	0.11	0.15	G	Male	STATUS8	0.042277057	0.74
hCV8905006	PGM1	hCG23448	S0012	3.32E-02	0.69	0.49: 0.97	0.12	0.18	G	Young	STATUS5	0.133792909	0.61
hCV8905006			V0002	3.32E-02	0.69	0.49: 0.97	0.13	0.16	G	Young	STATUS12	0.161281893	0.74
hCV937539			S0012	2.27E-02	2.83	1.13: 7.09	0.02	0.01	C	Smoke-	STATUS5	0.698785953	1.30
hCV937539		hCG22893	V0002	2.27E-02	2.83	1.13: 7.09	0.05	0.01	C	Smoke-	STATUS12	0.019449082	4.10
hCV9632123	YAP	hCG1996340	S0012	4.12E-02	1.54	1.01: 2.32	0.04	0.02	G	Young	STATUS1	0.415869036	1.61
hCV9632123	YAP	hCG1996340	V0002	4.12E-02	1.54	1.01: 2.32	0.06	0.04	G	Young	STATUS8	0.092030678	1.51
hCV11322866			S0012	3.91E-02	1.36	1.01: 1.81	0.53	0.52	G	Smoke+	STATUS6	1	1.01
hCV11322866	F13A1	hCG20905	V0002	3.91E-02	1.36	1.01: 1.81	0.67	0.47	G	Smoke+	STATUS17	0.000920125	2.26
hCV11613120	PBEF	hCG18025	S0012	1.58E-02	1.56	1.09: 2.23	0.70	0.56	G	Smoke-	STATUS3	0.029755426	1.84
hCV11613120	PBEF	hCG18025	V0002	1.58E-02	1.56	1.09: 2.23	0.65	0.59	G	Smoke-	STATUS10	0.35782357	1.31
hCV11613120	PBEF	hCG18025	S0012	3.85E-02	0.59	0.36: 0.98	0.66	0.82	G	Female	STATUS4	0.063930837	0.44
hCV11613120	PBEF	hCG18025	V0002	3.85E-02	0.59	0.36: 0.98	0.61	0.69	G	Female	STATUS11	0.331462051	0.71
hCV11613120	PBEF	hCG18025	S0012	3.17E-02	0.76	0.59: 0.98	0.64	0.68	G	Smoke+	STATUS5	0.361376095	0.84
hCV11613120	PBEF	hCG18025	V0002	3.17E-02	0.76	0.59: 0.98	0.64	0.72	G	Smoke+	STATUS12	0.037429131	0.70
hCV11613120	PBEF	hCG18025	S0012	4.07E-02	0.79	0.62: 0.99	0.63	0.69	G	ALL	STATUS6	0.874619343	0.96
hCV11613120	PBEF	hCG18025	V0002	4.07E-02	0.79	0.62: 0.99	0.63	0.74	G	ALL	STATUS17	0.005893348	0.61
hCV11628259	NHLH1	hCG20859	S0012	1.16E-02	0.70	0.54: 0.93	0.81	0.83	T	ALL	STATUS6	0.446829727	0.87
hCV11628259	NHLH1	hCG20859	V0002	1.16E-02	0.70	0.54: 0.93	0.74	0.84	T	ALL	STATUS17	0.004396374	0.56
hCV11717327			S0012	3.86E-02	2.86	1.00: 8.17	1.00	0.99	G	Old	STATUS2	0.609526487	2.06
hCV11717327	VLDLR	hCG27927	V0002	3.86E-02	2.86	1.00: 8.17	0.99	0.97	G	Old	STATUS9	0.039198444	3.21
hCV11895899			S0012	3.29E-02	0.75	0.58: 0.98	0.77	0.85	G	Smoke-	STATUS1	0.014517222	0.59
hCV11895899	SCNN1G	hCG1685795	V0002	3.29E-02	0.75	0.58: 0.98	0.81	0.83	G	Smoke-	STATUS8	0.488955651	0.89
hCV11975094	BDH	hCG22073	S0012	4.27E-02	0.81	0.65: 0.99	0.93	0.93	T	ALL	STATUS1	0.705517335	0.93
hCV11975094	BDH	hCG22073	V0002	4.27E-02	0.81	0.65: 0.99	0.89	0.91	T	ALL	STATUS8	0.031933673	0.76
hCV1259068	C14orf136	hCG2030155	S0012	4.49E-03	1.27	1.08: 1.50	0.53	0.49	G	Young	STATUS1	0.325790258	1.16
hCV1259068	C14orf136	hCG2030155	V0002	4.49E-03	1.27	1.08: 1.50	0.55	0.48	G	Young	STATUS8	0.005787038	1.34
hCV1259068	C14orf136	hCG2030155	S0012	4.05E-02	1.20	1.01: 1.42	0.53	0.52	G	ALL	STATUS5	0.743608462	1.05
hCV1259068	C14orf136	hCG2030155	V0002	4.05E-02	1.20	1.01: 1.42	0.54	0.47	G	ALL	STATUS12	0.016058707	1.33
hCV1259068	C14orf136	hCG2030155	S0012	2.61E-02	1.39	1.04: 1.86	0.54	0.46	G	Smoke+	STATUS6	0.091132297	1.39
hCV1259068	C14orf136	hCG2030155	V0002	2.61E-02	1.39	1.04: 1.86	0.56	0.47	G	Smoke+	STATUS17	0.186180347	1.40
hCV1266739	PPP1R14C	hCG1660791	S0012	4.42E-02	0.65	0.42: 0.99	0.06	0.06	G	Smoke-	STATUS1	1	0.96
hCV1266739		hCG1660791	V0002	4.42E-02	0.65	0.42: 0.99	0.04	0.08	G	Smoke-	STATUS8	0.013226972	0.47

Marker	Gene Name	hCG	Sample Set	MH p-value	MH OR	MH OR 95CI	Case Freq.	Cntrl Freq.	Allele	Strata	Status	p-value	OR
hCV1349575	TCF7L2	hCG40998	S0012	1.83E-02	0.74	0.57: 0.95	0.89	0.90	G	Young	STATUS1	0.570526583	0.86
hCV1349575			V0002	1.83E-02	0.74	0.57: 0.95	0.84	0.89	G	Young	STATUS8	0.016416921	0.69
hCV1349575	TCF7L2	hCG40998	S0012	2.26E-02	0.76	0.59: 0.96	0.88	0.90	G	Male	STATUS1	0.415214647	0.84
hCV1349575			V0002	2.26E-02	0.76	0.59: 0.96	0.86	0.90	G	Male	STATUS8	0.030200877	0.71
hCV1349575	TCF7L2	hCG40998	S0012	1.27E-02	1.65	1.11: 2.44	0.90	0.83	G	Female	STATUS5	0.040094898	1.79
hCV1349575			V0002	1.27E-02	1.65	1.11: 2.44	0.90	0.86	G	Female	STATUS12	0.171976289	1.52
hCV1543873	CENTG2	hCG1811572	S0012	4.75E-02	1.27	1.00: 1.60	0.30	0.30	G	ALL	STATUS6	1	1.00
hCV1543873			V0002	4.75E-02	1.27	1.00: 1.60	0.34	0.23	G	ALL	STATUS17	0.003171834	1.74
hCV1550781	CLTC	hCG1818599	S0012	2.55E-02	0.74	0.57: 0.96	0.82	0.86	T	Male	STATUS2	0.156800798	0.75
hCV1550781			V0002	2.55E-02	0.74	0.57: 0.96	0.80	0.85	T	Male	STATUS9	0.108482008	0.73
hCV1550781	CLTC	hCG1818599	S0012	3.21E-02	1.53	1.03: 2.26	0.86	0.72	T	ALL	STATUS4	0.006167696	2.28
hCV1550781			V0002	3.21E-02	1.53	1.03: 2.26	0.88	0.86	T	ALL	STATUS11	0.793152983	1.12
hCV15755845	SLC1A3	hCG36855	S0012	3.75E-02	0.83	0.70: 0.99	0.50	0.52	G	Smoke+	STATUS1	0.675178094	0.93
hCV15755845			V0002	3.75E-02	0.83	0.70: 0.99	0.45	0.51	G	Smoke+	STATUS8	0.025672269	0.78
hCV15755845			S0012	3.91E-02	0.71	0.51: 0.98	0.51	0.51	G	Male	STATUS3	1	0.99
hCV15755845			V0002	3.91E-02	0.71	0.51: 0.98	0.46	0.68	G	Male	STATUS10	0.0020208	0.41
hCV1592117	WVOX	hCG1811009	S0012	3.13E-02	0.81	0.67: 0.98	0.09	0.12	T	ALL	STATUS1	0.099606847	0.77
hCV1592117			V0002	3.13E-02	0.81	0.67: 0.98	0.10	0.11	T	ALL	STATUS8	0.147519631	0.84
hCV1592117			S0012	8.67E-03	1.63	1.13: 2.35	0.12	0.09	T	ALL	STATUS6	0.23127919	1.37
hCV1592117			V0002	8.67E-03	1.63	1.13: 2.35	0.12	0.06	T	ALL	STATUS17	0.010039392	2.08
hCV1713056	PIAS1	hCG23811	S0012	2.38E-02	1.24	1.03: 1.50	0.57	0.56	T	Female	STATUS1	0.70832015	1.06
hCV1713056			V0002	2.38E-02	1.24	1.03: 1.50	0.60	0.52	T	Female	STATUS8	0.010348998	1.39
hCV1745622	FLJ34633	hCG19460	S0012	2.67E-02	0.71	0.52: 0.96	0.91	0.93	T	Female	STATUS1	0.419018993	0.79
hCV1745622	CACNA1E	hCG1811168	V0002	4.53E-02	1.61	1.01: 2.58	0.61	0.50	T	Female	STATUS8	0.043647788	0.67
hCV1792343	CACNA1E	hCG1811168	S0012	4.53E-02	1.61	1.01: 2.58	0.46	0.34	G	Female	STATUS4	0.217846547	1.57
hCV1792343	CACNA1E	hCG1811168	S0012	1.80E-02	1.36	1.05: 1.76	0.54	0.44	G	Smoke-	STATUS11	0.157742962	1.65
hCV1792343	CACNA1E	hCG1811168	V0002	1.80E-02	1.36	1.05: 1.76	0.49	0.43	G	Smoke-	STATUS12	0.044374673	1.51
hCV1792343	CACNA1E	hCG1811168	S0012	3.08E-02	1.32	1.03: 1.71	0.48	0.47	G	Female	STATUS5	0.194884948	1.27
hCV1792343	CACNA1E	hCG1811168	V0002	3.08E-02	1.32	1.03: 1.71	0.51	0.39	G	Female	STATUS12	0.849895969	1.04
hCV1997488		hCG1775766	S0012	4.82E-02	0.77	0.59: 1.00	0.94	0.95	G	ALL	STATUS1	0.832251778	0.95
hCV1997488			V0002	4.82E-02	0.77	0.59: 1.00	0.93	0.95	G	ALL	STATUS8	0.020873663	0.67
hCV217216	PGCP	hCG1781369	S0012	1.99E-02	0.58	0.37: 0.92	0.08	0.10	G	ALL	STATUS4	0.839230092	0.79
hCV217216			V0002	1.99E-02	0.58	0.37: 0.92	0.09	0.16	G	ALL	STATUS11	0.017780428	0.51
hCV217216	PGCP	hCG1781369	S0012	3.99E-02	0.55	0.31: 0.97	0.08	0.10	G	Smoke-	STATUS6	0.839230092	0.80
hCV22271781	APOL3	hCG41527	V0002	3.99E-02	0.55	0.31: 0.97	0.08	0.18	G	Smoke-	STATUS17	0.031596659	0.39
hCV22271781	APOL3	hCG41527	S0012	6.64E-03	1.55	1.13: 2.13	0.08	0.05	T	Male	STATUS1	0.064765081	1.65
hCV22271781			V0002	6.64E-03	1.55	1.13: 2.13	0.08	0.05	T	Male	STATUS8	0.051070182	1.50
hCV22273282	SERPINA6	hCG222332	S0012	4.44E-02	0.80	0.64: 0.99	0.56	0.61	A	Old	STATUS2	0.145176169	0.81
hCV22273282			V0002	4.44E-02	0.80	0.64: 0.99	0.57	0.63	A	Old	STATUS9	0.213057032	0.78
hCV22273282	SERPINA6	hCG222332	S0012	3.73E-03	1.38	1.11: 1.71	0.59	0.55	A	ALL	STATUS6	0.237456602	1.20
hCV22273282			V0002	3.73E-03	1.38	1.11: 1.71	0.64	0.52	A	ALL	STATUS17	0.002668516	1.66
hCV22275637	COL6A3	hCG23027	S0012	3.16E-02	1.58	1.04: 2.41	0.96	0.95	G	Smoke+	STATUS1	0.733887624	1.18
hCV22275637			V0002	3.16E-02	1.58	1.04: 2.41	0.97	0.95	G	Smoke+	STATUS8	0.014187146	1.98
hCV25472615	hCV2039415	hCG2039415	S0012	3.32E-02	1.34	1.02: 1.76	0.23	0.16	G	Female	STATUS2	0.020656527	1.60
hCV25472615			V0002	3.32E-02	1.34	1.02: 1.76	0.21	0.19	G	Female	STATUS9	0.513692302	1.14
hCV2557958	hCV2557958	hCG2557958	S0012	2.48E-02	0.76	0.59: 0.96	0.62	0.65	G	ALL	STATUS3	0.468505824	0.88
hCV2557958			V0002	2.48E-02	0.76	0.59: 0.96	0.63	0.73	G	ALL	STATUS10	0.012285177	0.61
hCV25610470			S0012	2.85E-02	1.44	1.04: 1.99	0.95	0.93	G	Male	STATUS1	0.347828659	1.31

Marker	Gene Name	hCG	Sample Set	MH p-value	MH OR	MH OR 95CI	Case Freq.	Cntrl Freq.	Allele	Strata	Status	p-value	OR
hCV25610470	EDG3	hCG28122	V0002	2.85E-02	1.44	1.04: 1.99	0.95	0.93	G	Male	STATUS8	0.042253868	1.53
hCV25611055	ITGBL1	hCG29594	V0002	1.13E-03	0.69	0.55: 0.86	0.76	0.81	G	Female	STATUS1	0.088535272	0.73
hCV25611055	ITGBL1	hCG29594	S0012	2.53E-03	0.73	0.60: 0.90	0.74	0.79	G	Old	STATUS1	0.006062441	0.67
hCV25611055	ITGBL1	hCG29594	V0002	2.53E-03	0.73	0.60: 0.90	0.74	0.79	G	Old	STATUS8	0.083529684	0.74
hCV25611055	ITGBL1	hCG29594	V0002	2.24E-02	0.76	0.60: 0.96	0.76	0.78	G	Smoke-	STATUS1	0.022567391	0.73
hCV25611055	ITGBL1	hCG29594	V0002	2.24E-02	0.76	0.60: 0.96	0.76	0.78	G	Smoke-	STATUS1	0.57174166	0.89
hCV25612646	GSDM	hCG30023	S0012	4.09E-02	1.36	1.01: 1.82	0.61	0.58	C	Smoke+	STATUS8	0.015609994	0.67
hCV25612646	TLR10	hCG30023	V0002	4.09E-02	1.36	1.01: 1.82	0.58	0.44	C	Smoke+	STATUS6	0.503281614	1.16
hCV25643406	TLR10	hCG1646681	V0002	2.52E-02	1.72	1.06: 2.77	0.97	0.91	A	Smoke-	STATUS17	0.029770793	1.76
hCV25758097	MGC61716	hCG33034	S0012	4.72E-02	1.24	1.00: 1.54	0.92	0.91	A	Smoke-	STATUS1	0.005843696	2.65
hCV25758097		hCG33034	V0002	4.72E-02	1.24	1.00: 1.54	0.93	0.91	T	ALL	STATUS8	0.731134116	1.13
hCV25758097		hCG33034	S0012	9.82E-03	1.67	1.12: 2.47	0.93	0.91	T	ALL	STATUS8	0.39206239	1.16
hCV25758097		hCG33034	V0002	9.82E-03	1.67	1.12: 2.47	0.93	0.91	T	ALL	STATUS8	0.075246424	1.30
hCV25921839	FGFR1OP	hCG15017	S0012	4.85E-02	2.04	0.98: 4.24	0.98	0.86	C	Smoke-	STATUS10	0.015016013	2.03
hCV25921839	FGFR1OP	hCG15017	V0002	4.85E-02	2.04	0.98: 4.24	0.99	0.96	C	Smoke-	STATUS2	0.788768539	1.24
hCV25921839	FGFR1OP	hCG15017	S0012	4.29E-02	2.59	1.00: 6.72	0.99	0.97	C	Young	STATUS9	0.03109012	3.14
hCV25921839		hCG15017	V0002	4.29E-02	2.59	1.00: 6.72	0.99	0.97	C	Young	STATUS5	0.352053528	2.81
hCV25963602		hCG23340	S0012	1.31E-02	0.74	0.58: 0.94	0.27	0.30	C	Young	STATUS12	0.177705019	2.46
hCV25963602		hCG23340	V0002	1.31E-02	0.74	0.58: 0.94	0.22	0.30	A	Female	STATUS2	0.3409763	0.84
hCV25963602		hCG23340	S0012	2.59E-02	0.72	0.54: 0.96	0.25	0.30	A	Female	STATUS9	0.010871171	0.65
hCV25963602		hCG23340	V0002	2.59E-02	0.72	0.54: 0.96	0.22	0.30	A	Female	STATUS5	0.342368708	0.79
hCV25969030		hCG1640554	S0012	2.04E-02	0.68	0.49: 0.94	0.11	0.14	A	Female	STATUS12	0.043198507	0.66
hCV25969030		hCG1640554	V0002	2.04E-02	0.68	0.49: 0.94	0.07	0.11	G	Smoke-	STATUS1	0.231478256	0.75
hCV25972768	PCDHA1	hCG1982192	S0012	2.81E-02	2.64	1.05: 6.62	0.02	0.02	A	Smoke-	STATUS8	0.043327196	0.61
hCV25972768		hCG37888	V0002	2.81E-02	2.64	1.05: 6.62	0.09	0.02	A	Smoke-	STATUS6	1	1.01
hCV2716680	GAB2	hCG1640554	S0012	3.82E-02	1.29	1.01: 1.65	0.81	0.80	A	Smoke-	STATUS17	0.010608139	5.00
hCV2716680	GAB2	hCG1640554	V0002	3.82E-02	1.29	1.01: 1.65	0.84	0.77	T	Smoke+	STATUS2	0.72274198	1.08
hCV2716680	GAB2	hCG1640554	S0012	4.91E-02	1.60	1.00: 2.55	0.85	0.81	T	Smoke+	STATUS9	0.011315742	1.55
hCV2716680	GAB2	hCG1640554	V0002	4.91E-02	1.60	1.00: 2.55	0.88	0.79	T	Smoke-	STATUS6	0.431774752	1.32
hCV2769191	TCFL4	hCG16944	S0012	2.74E-02	1.34	1.03: 1.74	0.27	0.24	G	Smoke-	STATUS17	0.053901568	1.99
hCV3041943	LOC81569	hCG25127	V0002	3.75E-02	1.17	1.01: 1.35	0.42	0.26	G	Male	STATUS5	0.404387091	1.21
hCV3041943	LOC81569	hCG25127	S0012	3.75E-02	1.17	1.01: 1.35	0.44	0.39	G	Male	STATUS12	0.032691805	1.45
hCV3041943	LOC81569	hCG25127	V0002	1.55E-02	1.34	1.06: 1.69	0.42	0.37	T	ALL	STATUS2	0.311511592	1.12
hCV3041943	LOC81569	hCG25127	S0012	4.23E-02	1.34	1.01: 1.78	0.41	0.35	T	ALL	STATUS9	0.063368282	1.22
hCV3041943	LOC81569	hCG25127	V0002	4.23E-02	1.34	1.01: 1.78	0.47	0.38	T	ALL	STATUS3	0.265760378	1.20
hCV3127531	LAMC1	hCG40729	S0012	2.86E-02	0.80	0.66: 0.98	0.43	0.47	T	ALL	STATUS10	0.020581066	1.54
hCV3127531	RAP1GA1	hCG37586	V0002	2.86E-02	0.80	0.66: 0.98	0.46	0.49	T	ALL	STATUS4	0.543768175	1.15
hCV3136007	RAP1GA1	hCG37586	S0012	2.71E-02	0.80	0.66: 0.98	0.46	0.52	T	ALL	STATUS11	0.048316745	1.46
hCV3136007	RAP1GA1	hCG37586	V0002	3.56E-02	0.80	0.64: 0.98	0.48	0.51	T	Young	STATUS2	0.393244976	0.87
hCV3136007	RAP1GA1	hCG37586	S0012	4.77E-02	0.84	0.71: 1.00	0.35	0.39	T	Young	STATUS9	0.037142003	0.76
hCV3197749	ABCB11	hCG14894	V0002	4.77E-02	0.84	0.71: 1.00	0.40	0.45	T	Young	STATUS2	0.122471919	0.78
hCV3223114	CXCL12	hCG25667	S0012	3.78E-02	1.29	1.01: 1.64	0.76	0.69	G	Female	STATUS9	0.154045652	0.82
hCV3223114	CXCL12	hCG25667	V0002	3.78E-02	1.29	1.01: 1.64	0.72	0.70	C	Female	STATUS2	0.102047981	0.76
										Old	STATUS9	0.226247534	0.83
										Old	STATUS1	0.4020578	0.88
										Old	STATUS8	0.079468382	0.82
										Old	STATUS2	0.02818047	1.43
										Old	STATUS9	0.626057835	1.11

TABLE 7, page 17 of 18

CL001510

Marker	Gene Name	hCG	Sample Set	MH p-value	MH OR	MH OR 95CI	Case Freq.	Ctrl Freq.	Allele	Strata	Status	p-value	OR
hCV3223114	CXCL12	hCG25667	S0012	2.16E-02	1.35	1.04: 1.74	0.75	0.69	C	ALL	STATUS3	0.056047174	1.41
hCV3223114	CXCL12	hCG25667	V0002	2.16E-02	1.35	1.04: 1.74	0.75	0.70	C	ALL	STATUS10	0.267112571	1.27
hCV3223114	CXCL12	hCG25667	S0012	2.88E-02	0.74	0.56: 0.97	0.74	0.75	C	Smoke+	STATUS5	0.765928948	0.93
hCV3223114	CXCL12	hCG25667	V0002	2.88E-02	0.74	0.56: 0.97	0.70	0.80	C	Smoke+	STATUS12	0.009139366	0.60
hCV3223114	CXCL12	hCG25667	S0012	4.22E-02	0.75	0.57: 0.99	0.75	0.75	C	Young	STATUS5	1	0.99
hCV3223114	CXCL12	hCG25667	V0002	4.22E-02	0.75	0.57: 0.99	0.71	0.79	C	Young	STATUS12	0.013515834	0.64
hCV3266578			S0012	5.23E-03	0.61	0.43: 0.87	0.27	0.32	G	Female	STATUS3	0.458147172	0.79
hCV3266578			V0002	5.23E-03	0.61	0.43: 0.87	0.20	0.37	G	Female	STATUS10	0.002657922	0.44
hCV3284383		hCG1773950	S0012	4.37E-02	1.92	1.00: 3.67	0.08	0.06	G	Smoke-	STATUS6	0.645999041	1.36
hCV3284383		hCG1773950	V0002	4.37E-02	1.92	1.00: 3.67	0.11	0.04	G	Smoke-	STATUS17	0.043306754	2.81
hCV590601			S0012	4.26E-03	0.68	0.52: 0.89	0.77	0.81	G	ALL	STATUS6	0.241768201	0.80
hCV590601			V0002	4.26E-03	0.68	0.52: 0.89	0.75	0.85	G	ALL	STATUS17	0.004011436	0.55
hCV7469249	TNFRSF7	hCG2005669	S0012	4.12E-02	1.22	1.01: 1.47	0.92	0.89	T	ALL	STATUS1	0.068037198	1.36
hCV7469249	TEGT	hCG20199	V0002	4.12E-02	1.22	1.01: 1.47	0.89	0.87	T	ALL	STATUS8	0.234345328	1.15
hCV7469249	TEGT	hCG20199	S0012	1.53E-02	1.84	1.11: 3.05	0.92	0.90	T	Smoke+	STATUS6	0.511472645	1.33
hCV7469249	TEGT	hCG20199	V0002	1.53E-02	1.84	1.11: 3.05	0.95	0.85	T	Smoke+	STATUS17	0.007117727	3.14
hCV7565899	BDKRB2	hCG1785397	S0012	1.23E-02	1.70	1.12: 2.57	0.10	0.08	T	Young	STATUS5	0.371464235	1.41
hCV7565899	BDKRB2	hCG1785397	V0002	1.23E-02	1.70	1.12: 2.57	0.12	0.07	T	Young	STATUS12	0.02499122	1.89
hCV7565899	BDKRB2	hCG1785397	S0012	2.03E-02	1.71	1.09: 2.68	0.09	0.07	T	Male	STATUS5	0.494984232	1.29
hCV7565899	BDKRB2	hCG1785397	V0002	2.03E-02	1.71	1.09: 2.68	0.10	0.05	T	Male	STATUS12	0.020147993	2.15
hCV7613737	FLJ30469	hCG39356	S0012	1.64E-02	0.79	0.65: 0.96	0.49	0.57	T	Smoke+	STATUS2	0.017484201	0.72
hCV7613737	FLJ30469	hCG39356	V0002	1.64E-02	0.79	0.65: 0.96	0.47	0.51	T	Smoke+	STATUS9	0.350783373	0.87
hCV7613737	FLJ30469	hCG39356	S0012	2.63E-02	0.80	0.66: 0.97	0.49	0.55	T	Young	STATUS2	0.142362761	0.79
hCV7613737	FLJ30469	hCG39356	V0002	2.63E-02	0.80	0.66: 0.97	0.44	0.49	T	Young	STATUS9	0.104596341	0.81
hCV7613737	FLJ30469	hCG39356	S0012	7.55E-03	0.75	0.60: 0.92	0.49	0.54	T	ALL	STATUS6	0.187880524	0.82
hCV7613737	FLJ30469	hCG39356	V0002	7.55E-03	0.75	0.60: 0.92	0.40	0.51	T	ALL	STATUS17	0.016561915	0.66
hCV7686497		hCG2009092	S0012	4.68E-02	1.34	1.00: 1.80	0.08	0.06	G	Male	STATUS1	0.174679283	1.44
hCV7686497		hCG2009092	V0002	4.68E-02	1.34	1.00: 1.80	0.09	0.07	G	Male	STATUS8	0.206155646	1.30
hCV7686497		hCG2009092	S0012	3.37E-03	1.82	1.22: 2.74	0.09	0.06	G	Young	STATUS2	0.115699325	1.60
hCV7686497		hCG2009092	V0002	3.37E-03	1.82	1.22: 2.74	0.09	0.04	G	Young	STATUS9	0.017320541	2.04
hCV7686497		hCG2009092	S0012	4.61E-02	0.69	0.48: 1.00	0.07	0.08	G	Old	STATUS2	0.779992781	0.90
hCV7686497		hCG2009092	V0002	4.61E-02	0.69	0.48: 1.00	0.09	0.16	G	Old	STATUS9	0.028906004	0.54
hCV7686497		hCG2009092	S0012	3.08E-02	0.57	0.34: 0.95	0.06	0.11	G	ALL	STATUS4	0.212433561	0.51
hCV7686497		hCG2009092	V0002	3.08E-02	0.57	0.34: 0.95	0.07	0.11	G	ALL	STATUS11	0.130830584	0.61
hCV8737828	IL1F5	hCG27243	S0012	3.24E-02	1.40	1.03: 1.91	0.91	0.90	G	Female	STATUS1	0.801320803	1.10
hCV8737828		hCG27243	V0002	3.24E-02	1.40	1.03: 1.91	0.92	0.87	G	Female	STATUS8	0.01777879	1.65
hCV8807844	NRP2	hCG15204	S0012	2.70E-02	0.81	0.67: 0.98	0.78	0.78	G	Male	STATUS1	1	0.99
hCV8807844	NRP2	hCG15204	V0002	2.70E-02	0.81	0.67: 0.98	0.78	0.84	G	Male	STATUS8	0.00543249	0.70
hCV8807844	NRP2	hCG15204	S0012	3.31E-02	0.68	0.48: 0.97	0.77	0.79	G	ALL	STATUS4	0.776362874	0.93
hCV8807844	NRP2	hCG15204	V0002	3.31E-02	0.68	0.48: 0.97	0.77	0.86	G	ALL	STATUS11	0.014496325	0.56
hCV8847909	GSTM3	hCG40244	S0012	1.45E-02	0.65	0.47: 0.92	0.89	0.93	T	Young	STATUS2	0.063603833	0.57
hCV8847909	GSTM3	hCG40244	V0002	1.45E-02	0.65	0.47: 0.92	0.88	0.91	T	Young	STATUS9	0.140363568	0.71
hCV8847909	GSTM3	hCG40244	S0012	1.18E-02	0.70	0.52: 0.92	0.89	0.91	T	ALL	STATUS5	0.439227765	0.85
hCV8847909	GSTM3	hCG40244	V0002	1.18E-02	0.70	0.52: 0.92	0.86	0.91	T	ALL	STATUS12	0.007632764	0.60
hCV8861420	MMEL2	hCG24602	S0012	4.80E-02	1.34	1.00: 1.80	0.15	0.15	A	ALL	STATUS6	1	1.01
hCV8861420	MMEL2	hCG24602	V0002	4.80E-02	1.34	1.00: 1.80	0.21	0.12	C	ALL	STATUS17	0.003709016	1.91
hCV8863645	BCL10	hCG24868	S0012	3.96E-02	1.39	1.01: 1.90	0.63	0.51	A	Smoke+	STATUS3	0.018283533	1.63
hCV8863645	BCL10	hCG24868	V0002	3.96E-02	1.39	1.01: 1.90	0.50	0.48	A	Smoke+	STATUS10	0.897565974	1.08
hCV9088175			S0012	5.53E-03	0.70	0.55: 0.90	0.86	0.87	G	Young	STATUS1	0.75811493	0.94

TABLE 7, page 18 of 18

CL001510

Marker	Gene Name	hCG	Sample Set	MH p-value	MH OR	MH OR 95CI	Case Freq.	Cntrl Freq.	Allele	Strata	Status	p-value	OR
hCV9088175	TDRKH	hCG16924	V0002	5.53E-03	0.70	0.55: 0.90	0.85	0.91	G	Young	STATUS8	0.000958172	0.58
hCV9088175			S0012	3.64E-02	1.41	1.02: 1.94	0.89	0.86	G	Old	STATUS2	0.325233967	1.25
hCV9088175	TDRKH	hCG16924	V0002	3.64E-02	1.41	1.02: 1.94	0.90	0.85	G	Old	STATUS9	0.06127327	1.70
hCV9908341			S0012	3.22E-02	0.85	0.73: 0.99	0.33	0.34	G	ALL	STATUS2	0.69866647	0.95
hCV9908341	ITGBL1	hCG29594	V0002	3.22E-02	0.85	0.73: 0.99	0.32	0.38	G	ALL	STATUS9	0.012733376	0.76